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PMID: 73454 [PubMed - indexed for MEDLINE]

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L1        3068 NOGO AND PROTEIN

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L3           48 L2 AND NOGO C

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ACCESSION NUMBER:       2000:1890  ADISINSIGHT
SOURCE:                 Adis R&D Insight
DOCUMENT NO:            014946
CHANGE DATE:            Jan 13, 2003
GENERIC NAME:             ***Anti-Nogo-A monoclonal antibody IN1***
SYNONYM:                mAb IN1; monoclonal antibody IN1
MOLECULAR FORMULA:Unspecified
STRUCTURE:
     STRUCTURE DIAGRAM IS NOT AVAILABLE

EPHMRA ATC CODE:        N7X All other CNS drugs
WHO ATC CODE:           N07X Other Nervous System Drugs
HIGHEST DEV. PHASE:     No Development Reported

COMPANY INFORMATION
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L6   ANSWER 2 OF 245  BIOSIS  COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN   2004:79678  BIOSIS
DN   PREV200400080609
TI     ***Protein***  expression level of  ***Nogo***  -  ***A***  is
     developmentally regulated in rat brain.
AU   Jin, W.-L. [Reprint Author]; Wang, Y. [Reprint Author]; Liu, H.-L.
     [Reprint Author]; Long, M. [Reprint Author]; Li, R. [Reprint Author];
     Zheng, C.-X. [Reprint Author]; Ju, G. [Reprint Author]
CS   Institute of Neurosciences, Fourth Military Medical University, Xi'an,
     China
SO   Journal of Neurochemistry, (December 2003) Vol. 87, No. Supplement 1, pp.
     169. print.
     Meeting Info.: Meeting of the International Society for Neurochemistry
     (ISN). Hong Kong, China. August 03-08, 2003. International Society for
     Neurochemistry.
     CODEN: JONRA9. ISSN: 0022-3042.
DT   Conference; (Meeting)
     Conference; (Meeting Poster)
     Conference; Abstract; (Meeting Abstract)
LA   English
ED   Entered STN: 4 Feb 2004
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AN 2004:77641 BIOSIS
DN PREV200400078681
TI Two novel mammalian ***Nogo*** receptor homologs differentially expressed in the central and peripheral nervous systems.
AU Lauren, Juha [Reprint Author]; Airaksinen, Matti S.; Saarma, Mart; Timmusk, Tonis
CS Program in Molecular Neurobiology, Institute of Biotechnology, University of Helsinki, Viikinkaari 9, FIN-00014, P.O. Box 56, Helsinki, Finland
Juha.Lauren@Helsinki.Fi
SO Molecular and Cellular Neuroscience, (November 2003) Vol. 24, No. 3, pp. 581-594. print.
ISSN: 1044-7431 (ISSN print).
DT Article
LA English
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L6 ANSWER 4 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:77428 BIOSIS
DN PREV200400079350
TI Serum and cerebrospinal fluid antibodies to ***Nogo*** - ***A*** in patients with multiple sclerosis and acute neurological disorders.
AU Reindl, Markus [Reprint Author]; Khantane, Sabrina; Ehling, Rainer; Schanda, Kathrin; Lutterotti, Andreas; Brinkhoff, Claudia; Oertle, Thomas; Schwab, Martin E.; Deisenhammer, Florian; Berger, Thomas; Bandtlow, Christine E.
CS Department of Neurology, University of Innsbruck, Anichstrasse 35, Innsbruck, 6020, Austria
markus.reindl@uibk.ac.at
SO Journal of Neuroimmunology, (December 2003) Vol. 145, No. 1-2, pp. 139-147. print.
ISSN: 0165-5728 (ISSN print).
DT Article
LA English
ED Entered STN: 4 Feb 2004
Last Updated on STN: 4 Feb 2004

L6 ANSWER 5 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:63056 BIOSIS
DN PREV200400063296
TI ***Nogo*** is a novel regulator of endothelial cell function and vessel remodeling.
AU Acevedo, Lisette M. [Reprint Author]; Yu, Jun [Reprint Author]; Erdjument-Bromage, Hediye; Miao, Robert Q. [Reprint Author]; Kim, Ji-Eun [Reprint Author]; Fulton, David [Reprint Author]; Tempst, Paul; Strittmatter, Stephen M. [Reprint Author]; Sessa, William C. [Reprint Author]
CS Yale Univ, New Haven, CT, USA
SO Circulation, (October 28 2003) Vol. 108, No. 17 Supplement, pp. IV-137. print.
Meeting Info.: American Heart Association Scientific Sessions 2003. Orlando, FL, USA. November 09-12, 2003. American Heart Association.
ISSN: 0009-7322 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Jan 2004
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L6 ANSWER 6 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:43055 BIOSIS
DN PREV200400044088
TI ***Nogo*** - ***A*** at CNS paranodes is a ligand of Caspr: Possible regulation of K+ channel localization.
AU Nie, Du-Yu; Zhou, Zhi-Hong; Ang, Beng-Ti; Teng, Felicia Y. H.; Xu, Gang; Xiang, Tao; Wang, Chao-yang; Zeng, Li; Takeda, Yasuo; Xu, Tian-Le; Ng, Yee-Kong; Faivre-Sarrailh, Catherine; Popko, Brian; Ling, Eng-Ang; Schachner, Melitta; Watanabe, Kazutada; Pallen, Catherine J.; Tang, Bor Luen; Xiao, Zhi-cheng [Reprint Author]
CS Department of Clinical Research, Singapore General Hospital, Singapore, Singapore
cpallen@interchange.ubc.ca; mcbtbl@imcb.nus.edu.sg; gcrxzc@sgh.com.sg
SO EMBO (European Molecular Biology Organization) Journal, (November 3 2003) Vol. 22, No. 21, pp. 5666-5678. print.
ISSN: 0261-4189 (ISSN print).
DT Article

LA English
ED Entered STN: 14 Jan 2004
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L6 ANSWER 7 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:569879 BIOSIS
DN PREV200300562855
TI Olfactory ensheathing cell phenotype following implantation in the lesioned spinal cord.
AU Woodhall, E.; West, A. K.; Vickers, J. C.; Chuah, M. I. [Reprint Author]
CS NeuroRepair Group, University of Tasmania, Private Bag 24, Hobart, TAS, 7001, Australia
inn.chuah@utas.edu.au
SO CMLS Cellular and Molecular Life Sciences, (October 2003) Vol. 60, No. 10, pp. 2241-2253. print.
ISSN: 1420-682X.
DT Article
LA English
ED Entered STN: 3 Dec 2003
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L6 ANSWER 8 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:527221 BIOSIS
DN PREV200300530440
TI HBO suppresses ***Nogo*** - ***A*** , Ng-R, or RhoA expression in the cerebral cortex after global ischemia.
AU Zhou, Changman; Li, Yun; Nanda, Anil; Zhang, John H. [Reprint Author]
CS Louisiana State University Health Sciences Center-Shreveport, Shreveport, LA, USA
johnzhang3910@yahoo.com
SO Biochemical and Biophysical Research Communications, (September 19 2003) Vol. 309, No. 2, pp. 368-376. print.
CODEN: BBRCA9. ISSN: 0006-291X.
DT Article
LA English
ED Entered STN: 12 Nov 2003
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L6 ANSWER 9 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:426284 BIOSIS
DN PREV200300426284
TI Pro-apoptotic ASY/ ***Nogo*** - ***B*** ***protein*** associates with ASYIP.
AU Qi, Bing; Qi, Yipeng; Watari, Akihiro; Yoshioka, Naohisa; Inoue, Hirokazu; Minemoto, Yuzuru; Yamashita, Katsumi; Sasagawa, Toshiyuki; Yutsudo, Masuo [Reprint Author]
CS Research Institute for Microbial Diseases, Osaka University, 3-1 Yamadaoka, Suita, 565-0871, Japan
yutsudo@biken.osaka-u.ac.jp
SO Journal of Cellular Physiology, (August 2003) Vol. 196, No. 2, pp. 312-318. print.
CODEN: JCLLAX. ISSN: 0021-9541.
DT Article
LA English
ED Entered STN: 17 Sep 2003
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L6 ANSWER 10 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:346231 BIOSIS
DN PREV200300346231
TI ***Nogo*** - ***A*** inhibits neurite outgrowth and cell spreading with three discrete regions.
AU Oertle, Thomas [Reprint Author]; van der Haar, Marjan E.; Bandtlow, Christine E.; Robeva, Anna; Burfeind, Patricia; Buss, Armin; Huber, Andrea B.; Simonen, Marjo; Schnell, Lisa; Brosamle, Christian; Kaupmann, Klemens; Vallon, Rudiger; Schwab, Martin E.
CS Department of Biology, Swiss Federal Institute of Technology Zurich and Brain Research Institute, University of Zurich, CH-8057, Zurich, Switzerland
oertle@hifo.unizh.ch
SO Journal of Neuroscience, (July 2, 2003) Vol. 23, No. 13, pp. 5393-5406. print.
ISSN: 0270-6474 (ISSN print).
DT Article
LA English
ED Entered STN: 30 Jul 2003

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L6 ANSWER 11 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:334805 BIOSIS
DN PREV200300334805
TI A reticular rhapsody: Phylogenic evolution and nomenclature of the RTN/ ***Nogo*** gene family.
AU Oertle, Thomas [Reprint Author]; Klinger, Michael; Stuermer, Claudia A. O.; Schwab, Martin E.
CS Brain Research Institute, University of Zurich and ETH Zurich, Winterthurerstr.190, CH-8057, Zurich, Switzerland oertle@hifo.unizh.ch
SO FASEB Journal, (July 2003) Vol. 17, No. 10, pp. 1238-1247. print. ISSN: 0892-6638 (ISSN print).
DT Article
LA English
ED Entered STN: 23 Jul 2003
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L6 ANSWER 12 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:326104 BIOSIS
DN PREV200300326104
TI ***NOGO*** - ***A*** EXPRESSION AND LOCALIZATION IN OLIGODENDROCYTES.
AU Taketomi, M. [Reprint Author]; Kinoshita, N.; Kitada, H. [Reprint Author]; Noda, T. [Reprint Author]; Aso, H.; Ide, C. [Reprint Author]
CS Anatomy and Neurobiology, Kyoto University Graduate Scool of Medicine, Kyoto, Japan
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 728.12. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 16 Jul 2003
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AN 2003:305404 BIOSIS
DN PREV200300305404
TI EXPRESSION ANALYSIS OF HUMAN NGR AND BINDING STUDIES USING (I - 125) ***NOGO*** - 66 TO THE NGR RECEPTOR ON RAT CORTICAL MEMBRANES.
AU Frentzel, S. [Reprint Author]; Hein, A. E. [Reprint Author]; Sablone, M. [Reprint Author]; Kaupmann, K. [Reprint Author]; Oertle, T.; Zurini, M. [Reprint Author]; Staufenbiel, M. [Reprint Author]; Schwab, M. E.; Mir, A. K. [Reprint Author]
CS Novartis Pharma Research, Nervous System Research, Basel, Switzerland
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 528.18. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
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AN 2003:304914 BIOSIS
DN PREV200300304914
TI GAP - 43 ***PROTEIN*** EXPRESSION IN THE BRAIN OF ADULT RATS FOLLOWING MIDDLE CEREBRAL ARTERY OCCLUSION ( MCAO ) AND MONOCLONAL ANTIBODY IN - 1 TREATMENT.
AU Tsai, S. Y. [Reprint Author]; Kumar, R. [Reprint Author]; Bollnow, M. L.; Ramic, M.; Farrer, R. G. [Reprint Author]; Schwab, M. E.; Kartje, G. L. [Reprint Author]
CS Neurology and Research Service, Edward Hines Jr. VA Hosp, Hines, IL, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 489.16. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)

LA English
ED Entered STN: 2 Jul 2003
Last Updated on STN: 2 Jul 2003

L6 ANSWER 15 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:304913 BIOSIS
DN PREV200300304913
TI CORTICO - EFFERENT PLASTICITY FOLLOWING MIDDLE CEREBRAL ARTERY OCCLUSION AND ***NOGO*** - ***A*** BLOCKADE IN THE ADULT RAT.
AU Papadopoulos, C. M. [Reprint Author]; Tsai, S. Y. [Reprint Author]; Schwab, M. E.; Kartje, G. L. [Reprint Author]
CS Neurology and Research Service, Hines VA Hospital, Hines, IL, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 489.15. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 2 Jul 2003
Last Updated on STN: 2 Jul 2003

L6 ANSWER 16 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:304912 BIOSIS
DN PREV200300304912
TI NEUROANATOMICAL PLASTICITY IN ADULT RATS FOLLOWING SENSORIMOTOR CORTEX LESIONS AND DELAYED ***NOGO*** - ***A*** BLOCKADE.
AU Seymour, A. B. [Reprint Author]; Tsai, S. Y. [Reprint Author]; Bollnow, M. R. [Reprint Author]; Schwab, M. E.; Castro, A. J.; Kartje, G. L. [Reprint Author]
CS Neurology and Research Service, Hines VA Hospital, Hines, IL, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 489.14. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Jul 2003
Last Updated on STN: 2 Jul 2003

L6 ANSWER 17 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:304911 BIOSIS
DN PREV200300304911
TI DELAYED TREATMENT WITH A PURIFIED ANTI ***NOGO*** - ***A*** ANTIBODY IMPROVED FUNCTIONAL RECOVERY AND CORTICOSPINAL PLASTICITY AFTER STROKE IN RATS.
AU Wiessner, C. [Reprint Author]; Bareyre, F. M.; Allegrini, P. R.; Mir, A. K. [Reprint Author]; Zurini, M.; Frentzel, S. [Reprint Author]; Schnell, L.; Oertle, T.; Schwab, M. E.
CS Nervous System Research, Novartis Pharma AG, Basel Ch-4002, Switzerland
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 489.13. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Jul 2003
Last Updated on STN: 2 Jul 2003

L6 ANSWER 18 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293971 BIOSIS
DN PREV200300293971
TI LONG LASTING SPROUTING CHANGES INDUCED BY THE MONOCLONAL ANTIBODY IN - 1 IN THE RAT ADULT SPINAL CORD.
AU Bareyre, F. M. [Reprint Author]; Pedersen, V. [Reprint Author]; Haudenschild, B. [Reprint Author]; Schwab, M. E. [Reprint Author]
CS brain research, university of zurich, zurich, Switzerland
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 334.8. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 19 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293957 BIOSIS
DN PREV200300293957
TI CLONING AND CHARACTERIZATION OF ZEBRAFISH RETICULON GENES INCLUDING ***NOGO*** /RTN - 4.
AU Klinger, M. [Reprint Author]; Diekmann, H. [Reprint Author]; Haenisch, C. [Reprint Author]; Oertle, T.; Schwab, M. E.; Stuermer, C. A. O. [Reprint Author]
CS Biology, University of Konstanz, Konstanz, Germany
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.14. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 20 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293955 BIOSIS
DN PREV200300293955
TI MAPPING THE FUNCTIONAL INHIBITORY SITES OF ***NOGO*** - ***A*** . DISCOVERY OF REGULATED EXPRESSION FOLLOWING NEURONAL INJURY.
AU Prinjha, R. K. [Reprint Author]; Hill, C. [Reprint Author]; Irving, E. [Reprint Author]; Roberts, J. [Reprint Author]; Campbell, C. [Reprint Author]; Parsons, A. [Reprint Author]; Davis, R. [Reprint Author]; Morrow, R. [Reprint Author]; Woodhams, P. L. [Reprint Author]; Philpott, K. L. [Reprint Author]; Pangalos, M. [Reprint Author]; Walsh, F. S. [Reprint Author]
CS Neurodegeneration, Migraine and Stroke, Gastro-Intestinal, Neurology-GI-CEDD, Harlow, UK
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.12. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 21 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293954 BIOSIS
DN PREV200300293954
TI THE NEURITE OUTGROWTH INHIBITOR ***NOGO*** - ***A*** ACTIVATES THE RHOA PATHWAY.
AU DeMarco, S. J. [Reprint Author]; Noth, P. [Reprint Author]; Oertle, T. [Reprint Author]; Schwab, M. E. [Reprint Author]; Bandtlow, C. E.
CS Brain Research Institute, University of Zurich, Zurich, Switzerland
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.11. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 22 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293952 BIOSIS
DN PREV200300293952
TI ***NOGO*** GENES IN THE HIPPOCAMPUS: EXPRESSION DURING DEVELOPMENT AND FOLLOWING LESION.
AU Meier, S. [Reprint Author]; Savaskan, N. E. [Reprint Author]; Braeuer, A.

U. [Reprint Author]; Heimrich, B. [Reprint Author]; Schwab, M. E.; Nitsch, R. [Reprint Author]
CS Dep. Cell- and Neurobiology, Institute of Anatomy, Medical School of the Humboldt- University of Berlin, Berlin, 10115, Germany
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.8. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 23 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293951 BIOSIS
DN PREV200300293951
TI DEVELOPMENTAL AND ACTIVITY - INDUCED DOWNREGULATION OF THE ***NOGO*** RECEPTOR IN THE RAT.
AU Trifunovski, A. [Reprint Author]; Josephson, A. [Reprint Author]; Widenfalk, J. [Reprint Author]; Brene, S. [Reprint Author]; Olson, L. [Reprint Author]; Spenger, C. [Reprint Author]
CS Dept Neurosci, Karolinska Inst, 171 77 Stockholm, Sweden
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.7. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 24 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293949 BIOSIS
DN PREV200300293949
TI AXONAL REGENERATION IN ***NOGO*** - ***A*** KNOCKOUT MICE FOLLOWING SPINAL CORD INJURY.
AU Kim, J. E. [Reprint Author]; Li, S. [Reprint Author]; GrandPre, T. [Reprint Author]; Qiu, D. [Reprint Author]; Greer, C. A.; Strittmatter, S. M. [Reprint Author]
CS Neurology, Yale University, New Haven, CT, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.5. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 25 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293946 BIOSIS
DN PREV200300293946
TI NEUTRALIZATION OF MYELIN - ASSOCIATED ***NOGO*** - ***A*** BY A ***NOGO*** RECEPTOR - Fc FUSION ***PROTEIN*** .
AU Li, W. [Reprint Author]; Walus, L. [Reprint Author]; Jirik, A. [Reprint Author]; Pepinsky, B. [Reprint Author]; Sah, D. W. Y. [Reprint Author]; Lee, D. H. S. [Reprint Author]; Fournier, A.; Strittmatter, S.; Rabacchi, S. A. [Reprint Author]
CS BIOGEN, Inc., Cambridge, MA, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.2. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 26 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:293945 BIOSIS
DN PREV200300293945
TI MEMBRANE TOPOLOGIES AND RECEPTORS OF THE OLIGODENDROCYTE ***PROTEIN*** ***NOGO*** - ***A***
AU Oertle, T. [Reprint Author]; Buss, A. [Reprint Author]; Dodd, D. [Reprint Author]; van der Haar, M. E. [Reprint Author]; Robeva, A.; Burfeind, P.; Vallon, R.; Schwab, M. E. [Reprint Author]
CS Brain Res Inst, Univ ETH Zurich, Zurich, Switzerland
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 333.10. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 25 Jun 2003
Last Updated on STN: 25 Jun 2003

L6 ANSWER 27 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:287099 BIOSIS
DN PREV200300287099
TI Activity-induced and developmental downregulation of the ***Nogo*** receptor.
AU Josephson, Anna; Trifunovski, Alexandra; Scheele, Camilla; Widenfalk, Johan; Wahlestedt, Claes; Brene, Stefan; Olson, Lars; Spenger, Christian [Reprint Author]
CS Department of Neuroscience, Retzius Laboratory, Karolinska Institutet, Retzius vag 8, 171 77, Stockholm, Sweden
christian.spenger@neuro.ki.se
SO Cell and Tissue Research, (March 2003) Vol. 311, No. 3, pp. 333-342. print.
ISSN: 0302-766X (ISSN print).
DT Article
LA English
ED Entered STN: 19 Jun 2003
Last Updated on STN: 19 Jun 2003

L6 ANSWER 28 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:269592 BIOSIS
DN PREV200300269592
TI INTRANEURONAL LOCALIZATION OF ***NOGO*** - ***A*** IN THE RAT.
AU Ju, G. [Reprint Author]; Jin, W. L. [Reprint Author]; Liu, Y. Y. [Reprint Author]; Liu, H. L. [Reprint Author]; Yang, H. [Reprint Author]
CS Inst Neurosciences, The Fourth Military Med Univ, Xi'an, China
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 129.15. http://sfn.scholarone.com. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 11 Jun 2003
Last Updated on STN: 11 Jun 2003

L6 ANSWER 29 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:266245 BIOSIS
DN PREV200300266245
TI Characterization of two novel ***proteins*** , NgRH1 and NgRH2, structurally and biochemically homologous to the ***Nogo*** -66 receptor.
AU Pignot, V.; Hein, A. E.; Barske, C.; Wiessner, C.; Walmsley, A. R.; Kaupmann, K.; Mayeur, H.; Sommer, B.; Mir, A. K.; Frentzel, S. [Reprint Author]
CS Novartis Pharma Research, CH-4002, Basel, Switzerland
stefan.frentzel@pharma.novartis.com
SO Journal of Neurochemistry, (May 2003) Vol. 85, No. 3, pp. 717-728. print.
CODEN: JONRA9. ISSN: 0022-3042.
DT Article
LA English
ED Entered STN: 4 Jun 2003
Last Updated on STN: 4 Jun 2003

L6 ANSWER 30 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2003:256226 BIOSIS
DN PREV200300256226
TI Lack of enhanced spinal regeneration in ***Nogo*** -deficient mice.
AU Zheng, Binhai; Ho, Carole; Li, Shuxin; Keirstead, Hans; Steward, Oswald; Tessier-Lavigne, Marc [Reprint Author]
CS Department of Biological Sciences, Howard Hughes Medical Institute, Stanford University, Stanford, CA, 94305, USA
marctl@stanford.edu
SO Neuron, (April 24, 2003) Vol. 38, No. 2, pp. 213-224. print.
ISSN: 0896-6273 (ISSN print).
DT Article
LA English
ED Entered STN: 28 May 2003
Last Updated on STN: 28 May 2003

L6 ANSWER 31 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:256225 BIOSIS
DN PREV200300256225
TI Systemic deletion of the myelin-associated outgrowth inhibitor ***Nogo*** - ***A*** improves regenerative and plastic responses after spinal cord injury.
AU Simonen, Marjo; Pedersen, Vera; Weinmann, Oliver; Schnell, Lisa; Buss, Armin; Ledermann, Birgit; Christ, Franziska; Sansig, Gilles; van der Putten, Herman; Schwab, Martin E. [Reprint Author]
CS Brain Research Institute, University of Zurich, Winterthurerstrasse 190, CH-8057, Zurich, Switzerland
schwab@hifo.unizh.ch
SO Neuron, (April 24, 2003) Vol. 38, No. 2, pp. 201-211. print.
ISSN: 0896-6273 (ISSN print).
DT Article
LA English
ED Entered STN: 28 May 2003
Last Updated on STN: 28 May 2003

L6 ANSWER 32 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:256220 BIOSIS
DN PREV200300256220
TI No ***Nogo*** : Now where to go?.
AU Woolf, Clifford J. [Reprint Author]
CS Neural Plasticity Research Group, Department of Anesthesia and Critical Care, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02129, USA
cwoolf@mgh.harvard.edu
SO Neuron, (April 24, 2003) Vol. 38, No. 2, pp. 153-156. print.
ISSN: 0896-6273 (ISSN print).
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 28 May 2003
Last Updated on STN: 28 May 2003

L6 ANSWER 33 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:247942 BIOSIS
DN PREV200300247942
TI ***Nogo*** (Reticulon 4) expression in innervated and denervated mouse skeletal muscle.
AU Magnusson, Caroline [Reprint Author]; Libelius, Rolf; Tagerud, Sven
CS Department of Chemistry and Biomedical Sciences, University of Kalmar, SE-391 82, Kalmar, Sweden
caroline.magnusson@hik.se
SO Molecular and Cellular Neuroscience, (March 2003) Vol. 22, No. 3, pp. 298-307. print.
ISSN: 1044-7431 (ISSN print).
DT Article
LA English
ED Entered STN: 21 May 2003
Last Updated on STN: 21 May 2003

L6 ANSWER 34 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:246365 BIOSIS
DN PREV200300246365
TI ***Nogo*** - ***A*** expression in oligodendrocytes during the postnatal development of rat spinal cord dorsal funiculus.
AU Taketomi, Masanori [Reprint Author]; Kinoshita, Nagatoki; Kitada, Masaaki [Reprint Author]; Kimura, Kazushi [Reprint Author]; Noda, Toru [Reprint Author]; Asou, Hiroaki; Ide, Chizuka [Reprint Author]

CS Department of Anatomy and Neurobiology, Kyoto Univ. Grad. Sch. of Med, Kyoto, Japan
SO Neuroscience Research Supplement, (2002 (2003)) No. 26, pp. S5. print.
Meeting Info.: 25th Annual Meeting of the Japan Neuroscience Society. Tokyo, Japan. July 07, 2002-July 09, 2003. Japan Neuroscience Society.
ISSN: 0921-8696 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 21 May 2003
Last Updated on STN: 21 May 2003

L6 ANSWER 35 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:203268 BIOSIS
DN PREV200300203268
TI Intraneuronal localization of ***Nogo*** - ***A*** in the rat.
AU Jin, Wei-Lin; Liu, Ying-Ying; Liu, Hui-Ling; Yang, Hao; Wang, Ying; Jiao, Xi-Ying; Ju, Gong [Reprint Author]
CS Institute of Neurosciences, The Fourth Military Medical University, 17 Chang Le Xi Road, Xi'an, 710032, China
jugong@fmmu.edu.cn
SO Journal of Comparative Neurology, (March 24, 2003) Vol. 458, No. 1, pp. 1-10. print.
ISSN: 0021-9967 (ISSN print).
DT Article
LA English
ED Entered STN: 23 Apr 2003
Last Updated on STN: 23 Apr 2003

L6 ANSWER 36 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:167553 BIOSIS
DN PREV200300167553
TI Insights into the cellular biology of ***Nogo*** - ***A*** .
AU Dodd, D. A. [Reprint Author]; van der Haar, M. [Reprint Author]; Schwab, M. E. [Reprint Author]
CS Neuromorphology, Brain Research Institute, Zurich, Switzerland
SO Molecular Biology of the Cell, (Nov. 2002) Vol. 13, No. Supplement, pp. 539a. print.
Meeting Info.: 42nd Annual Meeting of the American Society for Cell Biology. San Francisco, CA, USA. December 14-18, 2002. American Society for Cell Biology.
CODEN: MBCEEV. ISSN: 1059-1524.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Apr 2003
Last Updated on STN: 2 Apr 2003

L6 ANSWER 37 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:164575 BIOSIS
DN PREV200300164575
TI Do cancer cells die because of ***Nogo*** - ***B*** ?.
AU Oertle, Thomas [Reprint Author]; Merkler, Doron; Schwab, Martin E.
CS Department of Biology, Brain Research Institute, University of Zurich, ETH Zurich, Winterthurerstr. 190, CH-8057, Zurich, Switzerland
oertle@hifo.unizh.ch
SO Oncogene, (6 March 2003) Vol. 22, No. 9, pp. 1390-1399. print.
ISSN: 0950-9232 (ISSN print).
DT Article
LA English
ED Entered STN: 2 Apr 2003
Last Updated on STN: 2 Apr 2003

L6 ANSWER 38 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:149816 BIOSIS
DN PREV200300149816
TI Anti- ***Nogo*** - ***A*** antibody infusion 24 hours after experimental stroke improved behavioral outcome and corticospinal plasticity in normotensive and spontaneously hypertensive rats.
AU Wiessner, Christoph [Reprint Author]; Bareyre, Florence M.; Allegrini, Peter R.; Mir, Anis K.; Frentzel, Stefan; Zurini, Mauro; Schnell, Lisa; Oertle, Thomas; Schwab, Martin E.
CS Nervous System Research, Neurodegeneration Unit, Novartis Pharma AG, WK1125.5.15, CH-4002, Basel, Switzerland
christoph.wiessner@pharma.novartis.com
SO Journal of Cerebral Blood Flow and Metabolism, (February 2003) Vol. 23,

No. 2, pp. 154-165. print.
CODEN: JCBMDN. ISSN: 0271-678X.
DT Article
LA English
ED Entered STN: 19 Mar 2003
Last Updated on STN: 19 Mar 2003

L6 ANSWER 39 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:136334 BIOSIS
DN PREV200300136334
TI Multi-functional gene ASY/ ***Nogo*** /RTN-X/RTN4: Apoptosis, tumor suppression, and inhibition of neuronal regeneration.
AU Watari, A.; Yutsudo, M. [Reprint Author]
CS Research Institute for Microbial Diseases, Osaka University, 3-1 Yamadaoka, Suita, 565-0871, Japan
yutsudo@biken.osaka-u.ac.jp
SO Apoptosis, (January 2003) Vol. 8, No. 1, pp. 5-9. print.
ISSN: 1360-8185 (ISSN print).
DT Article
LA English
ED Entered STN: 12 Mar 2003
Last Updated on STN: 12 Mar 2003

L6 ANSWER 40 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:134663 BIOSIS
DN PREV200300134663
TI Genomic structure and functional characterisation of the promoters of human and mouse ***Nogo*** /RTN4.
AU Oertle, Thomas [Reprint Author]; Huber, Chantal; van der Putten, Herman; Schwab, Martin E.
CS Department of Biology, Brain Research Institute, University of Zurich, Swiss Federal Institute of Technology, CH-8057, Zurich, Switzerland
oertle@hifo.unizh.ch
SO Journal of Molecular Biology, (10 January, 2003) Vol. 325, No. 2, pp. 299-323. print.
ISSN: 0022-2836 (ISSN print).
DT Article
LA English
ED Entered STN: 12 Mar 2003
Last Updated on STN: 12 Mar 2003

L6 ANSWER 41 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:130412 BIOSIS
DN PREV200300130412
TI An engineered IN-1 Fab fragment with improved affinity for the ***Nogo*** - ***A*** axonal growth inhibitor permits immunochemical detection and shows enhanced neutralizing activity.
AU Fiedler, M.; Horn, C.; Bandtlow, C.; Schwab, M. E.; Skerra, A. [Reprint Author]
CS Lehrstuhl fuer Biologische Chemie, Technische Universitaet Muenchen, Freising-Weihenstephan, Germany
skerra@wzw.tum.de
SO Protein Engineering, (November 2002) Vol. 15, No. 11, pp. 931-941. print.
CODEN: PRENE9. ISSN: 0269-2139.
DT Article
LA English
ED Entered STN: 5 Mar 2003
Last Updated on STN: 5 Mar 2003

L6 ANSWER 42 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:28192 BIOSIS
DN PREV200300028192
TI Reorganization of descending motor tracts in the rat spinal cord.
AU Raineteau, Olivier [Reprint Author]; Fouad, Karim; Bareyre, Florence M.; Schwab, Martin E.
CS Brain Research Institute, University and ETH Zurich, Winterthurerstrasse 190, 8057, Zurich, Switzerland
rainet@hifo.unizh.ch
SO European Journal of Neuroscience, (November 2002) Vol. 16, No. 9, pp. 1761-1771. print.
ISSN: 0953-816X (ISSN print).
DT Article
LA English
ED Entered STN: 1 Jan 2003
Last Updated on STN: 1 Jan 2003

L6 ANSWER 43 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:914 BIOSIS
DN PREV200300000914
TI ***Nogo*** - ***A*** and myelin-associated glycoprotein mediate neurite growth inhibition by antagonistic regulation of RhoA and Rac1.
AU Niederoest, Barbara; Oertle, Thomas; Fritsche, Jens; McKinney, R. Anne; Bandtlow, Christine E. [Reprint Author]
CS Division of Neurobiochemistry, Institute of Medical Chemistry and Biochemistry, Leopold-Franzens-University of Innsbruck, Fritz-Pregl-Strasse 3, A-6020, Innsbruck, Austria
christine.bandtlow@uibk.ac.at
SO Journal of Neuroscience, (December 1, 2002) Vol. 22, No. 23, pp. 10368-10376. print.
ISSN: 0270-6474 (ISSN print).
DT Article
LA English
ED Entered STN: 18 Dec 2002
Last Updated on STN: 18 Dec 2002

L6 ANSWER 44 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:631484 BIOSIS
DN PREV200200631484
TI ***Nogo*** -receptor gene activity: Cellular localization and developmental regulation of mRNA in mice and humans.
AU Josephson, Anna [Reprint author]; Trifunovski, Alexandra; Widmer, Hans Ruedi; Widenfalk, Johan; Olson, Lars; Spenger, Christian
CS Department of Neuroscience, Karolinska Institutet, Retzius v. 8, B2:4, S-171 77, Stockholm, Sweden
anna.Josephson@neuro.ki.se
SO Journal of Comparative Neurology, (November 18, 2002) Vol. 453, No. 3, pp. 292-304. print.
CODEN: JCNEAM. ISSN: 0021-9967.
DT Article
LA English
ED Entered STN: 12 Dec 2002
Last Updated on STN: 12 Dec 2002

L6 ANSWER 45 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:631417 BIOSIS
DN PREV200200631417
TI ***Nogo*** - ***A*** expression in mature oligodendrocytes of rat spinal cord in association with specific molecules.
AU Taketomi, Masanori [Reprint author]; Kinoshita, Nagatoki; Kimura, Kazushi; Kitada, Masaaki; Noda, Toru; Asou, Hiroaki; Nakamura, Takashi; Ide, Chizuka
CS Department of Anatomy and Neurobiology, Graduate School of Medicine, Kyoto University, Kyoto, 606-8501, Japan
taketomi@anat2.med.kyoto-u.ac.jp
SO Neuroscience Letters, (October 25, 2002) Vol. 332, No. 1, pp. 37-40. print.
CODEN: NELED5. ISSN: 0304-3940.
DT Article
LA English
ED Entered STN: 12 Dec 2002
Last Updated on STN: 12 Dec 2002

L6 ANSWER 46 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:614795 BIOSIS
DN PREV200200614795
TI p75 interacts with the ***Nogo*** receptor as a co-receptor for ***Nogo*** , MAG and OMgp.
AU Wang, Kevin C.; Kim, Jieun A.; Sivasankaran, Rajeev; Segal, Rosalind; He, Zhigang [Reprint author]
CS Division of Neuroscience, Children's Hospital, Harvard Medical School, 320 Longwood Avenue, Boston, MA, 02115, USA
zhigang.he@tch.harvard.edu
SO Nature (London), (7 November, 2002) Vol. 420, No. 6911, pp. 74-78. print.
CODEN: NATUAS. ISSN: 0028-0836.
DT Article
LA English
ED Entered STN: 4 Dec 2002
Last Updated on STN: 4 Dec 2002

L6 ANSWER 47 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:565177 BIOSIS
DN PREV200200565177

TI ***Nogo*** - ***A*** expressed in Schwann cells impairs axonal regeneration after peripheral nerve injury.
AU Pot, Caroline [Reprint author]; Simonen, Marjo; Weinmann, Oliver; Schnell, Lisa; Christ, Franziska; Stoeckle, Sascha; Berger, Philipp; Rulicke, Thomas; Suter, Ueli; Schwab, Martin E.
CS Brain Research Institute, University of Zurich, Winterthurerstrasse 190, CH-8057, Zurich, Switzerland
caroline.pot@access.unizh.ch
SO Journal of Cell Biology, (October 14, 2002) Vol. 159, No. 1, pp. 29-35. print.
CODEN: JCLBA3. ISSN: 0021-9525.
DT Article
LA English
ED Entered STN: 7 Nov 2002
Last Updated on STN: 7 Nov 2002

L6 ANSWER 48 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:515043 BIOSIS
DN PREV200200515043
TI ***Nogo*** - ***A*** expression in mouse central nervous system neurons.
AU Liu, Haiping; Ng, Cherry E. L.; Tang, Bor Luen [Reprint author]
CS Institute of Molecular and Cell Biology, 30 Medical Drive, Singapore, 117609, Singapore
mcbtbl@imcb.nus.edu.sg
SO Neuroscience Letters, (August 16, 2002) Vol. 328, No. 3, pp. 257-260. print.
CODEN: NELED5. ISSN: 0304-3940.
DT Article
LA English
ED Entered STN: 2 Oct 2002
Last Updated on STN: 2 Oct 2002

L6 ANSWER 49 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:484912 BIOSIS
DN PREV200200484912
TI Long-lasting sprouting and gene expression changes induced by the monoclonal antibody IN-1 in the adult spinal cord.
AU Bareyre, Florence M. [Reprint author]; Haudenschild, Brigitte; Schwab, Martin E.
CS Department of Biology, Brain Research Institute, University of Zurich, ETH Zurich, Winterthurerstrasse 190, 8057, Zurich, Switzerland
florence.bareyre@access.unizh.ch
SO Journal of Neuroscience, (August 15, 2002) Vol. 22, No. 16, pp. 7097-7110. print.
CODEN: JNRSDS. ISSN: 0270-6474.
DT Article
LA English
ED Entered STN: 18 Sep 2002
Last Updated on STN: 18 Sep 2002

L6 ANSWER 50 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:472018 BIOSIS
DN PREV200200472018
TI It takes more than two to ***Nogo*** .
AU Woolf, Clifford J. [Reprint author]; Bloechlinger, Stefan [Reprint author]
CS Neural Plasticity Research Group, Department of Anesthesia, Massachusetts General Hospital and Harvard Medical School, Boston, MA, 02129, USA
woolf.clifford@mgh.harvard.edu
SO Science (Washington D C), (16 August, 2002) Vol. 297, No. 5584, pp. 1132-1134. print.
CODEN: SCIEAS. ISSN: 0036-8075.
DT Article
LA English
ED Entered STN: 11 Sep 2002
Last Updated on STN: 11 Sep 2002

L6 ANSWER 51 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:430127 BIOSIS
DN PREV200200430127
TI Oligodendrocyte-myelin glycoprotein is a ***Nogo*** receptor ligand that inhibits neurite outgrowth.
AU Wang, Kevin C.; Koprivica, Vuk; Kim, Jieun A.; Sivasankaran, Rajeev; Guo, Yong; Neve, Rachel L.; He, Zhigang [Reprint author]
CS Division of Neuroscience, Children's Hospital, 320 Longwood Avenue, Boston, MA, 02115, USA

zhigang.he@tch.harvard.edu
SO Nature (London), (27 June, 2002) Vol. 417, No. 6892, pp. 941-944. print.
CODEN: NATUAS. ISSN: 0028-0836.
DT Letter
LA English
ED Entered STN: 14 Aug 2002
Last Updated on STN: 14 Aug 2002

L6 ANSWER 52 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:393466 BIOSIS
DN PREV200200393466
TI Localization of ***Nogo*** - ***A*** and ***Nogo*** -66 receptor ***proteins*** at sites of axon-myelin and synaptic contact.
AU Wang, Xingxing; Chun, Soo-Jin; Treloar, Helen; Vartanian, Timothy; Greer, Charles A.; Strittmatter, Stephen M. [Reprint author]
CS Department of Neurology, Yale University School of Medicine, 333 Cedar Street, P. O. Box 208018, New Haven, CT, 06520, USA
stephen.strittmatter@yale.edu
SO Journal of Neuroscience, (July 1, 2002) Vol. 22, No. 13, pp. 5505-5515. print.
CODEN: JNRSDS. ISSN: 0270-6474.
DT Article
LA English
ED Entered STN: 24 Jul 2002
Last Updated on STN: 24 Jul 2002

L6 ANSWER 53 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:333215 BIOSIS
DN PREV200200333215
TI Cytokines and neurotrophic factors fail to affect ***Nogo*** - ***A*** mRNA expression in differentiated human neurones: Implications for inflammation-related axonal regeneration in the central nervous system.
AU Satoh, J.-I. [Reprint author]; Kuroda, Y.
CS Department of Immunology, National Institute of Neuroscience, NCNP, 4-1-1 Ogawahigashi, Kodaira, Tokyo, 187-8502, Japan
satoj1@post.saga-med.ac.jp
SO Neuropathology and Applied Neurobiology, (April, 2002) Vol. 28, No. 2, pp. 95-106. print.
CODEN: NANEDL. ISSN: 0305-1846.
DT Article
LA English
ED Entered STN: 12 Jun 2002
Last Updated on STN: 12 Jun 2002

L6 ANSWER 54 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:298438 BIOSIS
DN PREV200200298438
TI Patterns of ***Nogo*** mRNA and ***protein*** expression in the developing and adult rat and after CNS lesions.
AU Huber, Andrea B. [Reprint author]; Weinmann, Oliver; Brosamle, Christian; Oertle, Thomas; Schwab, Martin E.
CS Department of Neuroscience, Johns Hopkins School of Medicine, 725 North Wolfe Street, Baltimore, MD, 21205, USA
ahuber@jhmi.edu
SO Journal of Neuroscience, (May 1, 2002) Vol. 22, No. 9, pp. 3553-3567. print.
CODEN: JNRSDS. ISSN: 0270-6474.
DT Article
LA English
ED Entered STN: 22 May 2002
Last Updated on STN: 22 May 2002

L6 ANSWER 55 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:280332 BIOSIS
DN PREV200200280332
TI Functional recovery and neuroanatomical plasticity following middle cerebral artery occlusion and IN-1 antibody treatment in the adult rat.
AU Papadopoulos, Catherine M.; Tsai, Shih-Yen; Alsbiei, Talal; O'Brien, Timothy E.; Schwab, Martin E.; Kartje, Gwendolyn L. [Reprint author]
CS Department of Neurology and Department of Cell Biology, Neurobiology, and Anatomy, Loyola University Medical Center, 2160 S First Avenue, Maywood, IL, 60153, USA
Wendy.Kartje@med.va.gov
SO Annals of Neurology, (April, 2002) Vol. 51, No. 4, pp. 433-441. print.
CODEN: ANNED3. ISSN: 0364-5134.
DT Article

LA English
ED Entered STN: 8 May 2002
Last Updated on STN: 8 May 2002

L6 ANSWER 56 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:219465 BIOSIS
DN PREV200200219465
TI Expression of a novel reticulon-like gene in human testis.
AU Zhou, Z. M. [Reprint author]; Sha, J. H.; Li, J. M.; Lin, M.; Zhou, Y. D.; Wang, L. R.; Zhu, H.; Wang, Y. Q. [Reprint author]; Zhou, K. Y. [Reprint author]
CS Institute of Genetic Resources, Nanjing Normal University, Nanjing, Jiangsu Province, 210029, China
Zhouzm@njmu.edu.cn
SO Reproduction (Cambridge), (February, 2002) Vol. 123, No. 2, pp. 227-234. print.
ISSN: 1470-1626.
DT Article
LA English
ED Entered STN: 27 Mar 2002
Last Updated on STN: 27 Mar 2002

L6 ANSWER 57 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:99826 BIOSIS
DN PREV200200099826
TI Vaccination with a ***Nogo*** - ***A*** -derived peptide after incomplete spinal-cord injury promotes recovery via a T-cell-mediated neuroprotective response: Comparison with other myelin antigens.
AU Hauben, Ehud; Ibarra, Antonio; Mizrahi, Tal; Barouch, Rina; Agranov, Eugenia; Schwartz, Michal [Reprint author]
CS Department of Neurobiology, Weizmann Institute of Science, Rehovot, 76100, Israel
michal.schwartz@weizmann.ac.il
SO Proceedings of the National Academy of Sciences of the United States of America, (December 18, 2001) Vol. 98, No. 26, pp. 15173-15178. print.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English
ED Entered STN: 24 Jan 2002
Last Updated on STN: 25 Feb 2002

L6 ANSWER 58 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:574253 BIOSIS
DN PREV200100574253
TI Functional outcome and neuroanatomical plasticity following middle cerebral artery occlusion and ***Nogo*** - ***A*** blockade.
AU Papadopoulos, C. M. [Reprint author]; Tsai, S. Y. [Reprint author]; Alsbiei, T. [Reprint author]; Schwab, M. E.; Kartje, G. L. [Reprint author]
CS Research Service, Hines VA Hospital, Hines, IL, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2019. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 12 Dec 2001
Last Updated on STN: 25 Feb 2002

L6 ANSWER 59 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:539350 BIOSIS
DN PREV200100539350
TI Expression pattern of cNogo-A in the developing chick brain.
AU Caltharp, S. A. [Reprint author]; Pira, C. M. [Reprint author]; Liwnicz, B. H.; Oberg, K. C. [Reprint author]
CS Anatomy, Loma Linda University, Loma Linda, CA, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 1537. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English

ED Entered STN: 21 Nov 2001
Last Updated on STN: 25 Feb 2002

L6 ANSWER 60 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:532439 BIOSIS
DN PREV200100532439
TI Differential expression of ***Nogo*** (Reticulon 4) transcripts in innervated and denervated mouse skeletal muscle.
AU Magnusson, C. [Reprint author]; Johansson, R. S.; Tagerud, S. [Reprint author]
CS Dept Chemistry and Biomedical Sciences, Univ of Kalmar, Kalmar, Sweden
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1367. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Nov 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 61 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:497692 BIOSIS
DN PREV200100497692
TI Transgenic mice overexpressing ***Nogo*** - ***A*** in the peripheral nervous system.
AU Pot, C. [Reprint author]; Simonen, M. [Reprint author]; Schnell, L. [Reprint author]; Stoeckle, S. [Reprint author]; Fouad, K. [Reprint author]; Schwab, M. [Reprint author]
CS Brain Research Inst, Univ ETH Zurich, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 671. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 62 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:497691 BIOSIS
DN PREV200100497691
TI Localization and membrane topology of the myelin ***protein*** ***Nogo*** - ***A*** .
AU Van der Haar, M. E. [Reprint author]; Simonen, M. [Reprint author]; Huber, A. B. [Reprint author]; Schnell, L. [Reprint author]; Schwab, M. E. [Reprint author]
CS Neuromorphology, Brain Research Institute, University of Zurich and Swiss Federal Institute of Technology, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 671. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 63 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:497686 BIOSIS
DN PREV200100497686
TI Differential distribution of ***NOGO*** isoforms in the rat central nervous system.
AU Woodhams, P. L. [Reprint author]; Prinjha, R. [Reprint author]; Moore, S. E. [Reprint author]; Walsh, F. S. [Reprint author]
CS Neurology, GlaxoSmithkline, Harlow, UK
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 670. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English

ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 64 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:497685 BIOSIS
DN PREV200100497685
TI Characterisation and CNS localisation of ***Nogo*** and the ***Nogo*** -loop66 receptor.
AU Prinjha, R. [Reprint author]; Moore, S. E. [Reprint author]; Woodhams, P. L. [Reprint author]; Morrow, R. W. [Reprint author]; Walsh, F. S. [Reprint author]
CS Neurology, CEDD, GlaxoSmithKline Pharmaceuticals, Harlow, UK
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 670. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 65 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:492404 BIOSIS
DN PREV200100492404
TI Modifications in gene expression triggered by neutralization of the neurite growth inhibitor ***Nogo*** - ***A*** or unilateral pyramidotomy in rats.
AU Bareyre, F. M. [Reprint author]; Schwab, M. E. [Reprint author]
CS Dept of Neuromorphology, Brain Research Institute, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 671. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 66 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:492403 BIOSIS
DN PREV200100492403
TI Molecular and genomic characterisation of the ***Nogo*** /reticulon-family of ***proteins*** .
AU Oertle, T. [Reprint author]; Gillieron, O. [Reprint author]; Bandtlow, C. E.; Schwab, M. E. [Reprint author]
CS Brain Research Institute, University and ETH Zurich, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 671. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 67 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:492402 BIOSIS
DN PREV200100492402
TI Identification of two ***Nogo*** - ***A*** encoding genes in Xenopus laevis.
AU Klinger, M. [Reprint author]; Motz, C. [Reprint author]; Diekmann, H. [Reprint author]; Oertle, T.; Schwab, M. E.; Stuermer, C. A. O. [Reprint author]
CS Dept. Biology, Univ. of Konstanz, Konstanz, Germany
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 670. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Oct 2001
Last Updated on STN: 23 Feb 2002

L6 ANSWER 68 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:379366 BIOSIS
DN PREV200100379366
TI ***Nogo*** mRNA expression in adult and fetal human and rat nervous tissue and in weight drop injury.
AU Josephson, A. [Reprint author]; Widenfalk, J. [Reprint author]; Widmer, H. W.; Olson, L. [Reprint author]; Spenger, C. [Reprint author]
CS Department of Neuroscience, Karolinska Institutet, S-171 77, Stockholm, Sweden
SO Experimental Neurology, (June, 2001) Vol. 169, No. 2, pp. 319-328. print.
CODEN: EXNEAC. ISSN: 0014-4886.
DT Article
LA English
ED Entered STN: 8 Aug 2001
Last Updated on STN: 19 Feb 2002

L6 ANSWER 69 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:365135 BIOSIS
DN PREV200100365135
TI Functional switch between motor tracts in the presence of the mAb IN-1 in the adult rat.
AU Raineteau, Olivier [Reprint author]; Fouad, Karim; Noth, Pascal; Thallmair, Michaela; Schwab, Martin E.
CS Brain Research Institute, University and Swiss Federal Institute of Technology (ETH) Zurich, Winterthurerstrasse 190, 8057, Zurich, Switzerland
rainet@hifo.unizh.ch
SO Proceedings of the National Academy of Sciences of the United States of America, (June 5, 2001) Vol. 98, No. 12, pp. 6929-6934. print.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English
ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002

L6 ANSWER 70 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:356466 BIOSIS
DN PREV200100356466
TI Link of a new type of apoptosis-inducing gene ASY/ ***Nogo*** - ***B*** to human cancer.
AU Li, Qin; Qi, Bing; Oka, Kiyomasa; Shimakage, Misuzu; Yoshioka, Naohisa; Inoue, Hirokazu; Hakura, Akira; Kodama, Ken; Stanbridge, Eric J.; Yutsudo, Masuo [Reprint author]
CS Department of Tumor Virology, Research Institute for Microbial Diseases, Osaka University, Suita, 565-0871, Japan
yutsudo@biken.osaka-u.ac.jp
SO Oncogene, (5 July, 2001) Vol. 20, No. 30, pp. 3929-3936. print.
CODEN: ONCNES. ISSN: 0950-9232.
DT Article
LA English
ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002

L6 ANSWER 71 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:261485 BIOSIS
DN PREV200100261485
TI Expression of cNogo-A in the developing chick brain.
AU Caltharp, Shelley A. [Reprint author]; Pira, Charmaine U. [Reprint author]; Liwnicz, Boleslaw H. [Reprint author]; Oberg, Kerby C. [Reprint author]
CS Division of Human Anatomy, Loma Linda University, Loma Linda, CA, 92350, USA
SO FASEB Journal, (March 8, 2001) Vol. 15, No. 5, pp. A1075. print.
Meeting Info.: Annual Meeting of the Federation of American Societies for Experimental Biology on Experimental Biology 2001. Orlando, Florida, USA. March 31-April 04, 2001.
CODEN: FAJOEC. ISSN: 0892-6638.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 30 May 2001
Last Updated on STN: 19 Feb 2002

L6 ANSWER 72 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:134964 BIOSIS

DN PREV200100134964
TI Functional outcome following middle cerebral artery occlusion and neutralization of ***Nogo*** - ***A*** in the adult rat.
AU Papadopoulos, C. M. [Reprint author]; Tsai, S. Y.; Schwab, M. E.; Kartje, G. L.
CS Hines VA Hospital, Hines, IL, USA
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-860.12. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Mar 2001
Last Updated on STN: 15 Feb 2002

L6 ANSWER 73 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:120749 BIOSIS
DN PREV200100120749
TI Localization and membrane topology of ***Nogo*** - ***A*** .
AU Simonen, M. [Reprint author]; van der Haar, M. E.; Martoglio, B.; Bandtlow, C. E.; Schwab, M. E.
CS University of Zurich, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-699.20. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 7 Mar 2001
Last Updated on STN: 15 Feb 2002

L6 ANSWER 74 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:107849 BIOSIS
DN PREV200100107849
TI Characterization of monoclonal antibodies against ***Nogo*** - ***A*** , a potent inhibitor of neurite outgrowth.
AU Schnell, L. [Reprint author]; Stierli, B.; Schneider, R.; Oertle, T.; Van der Haar, M. E.; Huber, A. B.; Haudenschild, B.; Streit, P.; Schwab, M. E.
CS University of Zurich, CH-8057 Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-217.13. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Feb 2001
Last Updated on STN: 15 Feb 2002

L6 ANSWER 75 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:107848 BIOSIS
DN PREV200100107848
TI Subcellular localisation of ***Nogo*** - ***A*** , a major myelin-associated neurite outgrowth inhibitor.
AU Huber, A. B. [Reprint author]; van der Haar, M. E.; Broesamle, C.; Schnell, L.; Weinmann, O.; Schwab, M. E.
CS Brain Research Institute, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-217.12. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
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LA English
ED Entered STN: 28 Feb 2001
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L6 ANSWER 76 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:107847 BIOSIS
DN PREV200100107847

TI Isolation of mRNAs coding for ***Nogo*** -like ***proteins*** from goldfish.
AU Leiteritz, D. [Reprint author]; Simonen, M.; Thallmair, M.; Schwab, M. E.
CS Brain Research Institute, CH 8057 Zuerich, Switzerland
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-217.11. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Feb 2001
Last Updated on STN: 15 Feb 2002

L6 ANSWER 77 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:107846 BIOSIS
DN PREV200100107846
TI Characterization of the gene structure and the inhibitory regions of ***Nogo*** /RTN4.
AU Oertle, T. [Reprint author]; Bandtlow, C. E.; Schwab, M. E.
CS ETH " University of Zurich, Zuerich, Switzerland
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-217.10. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Feb 2001
Last Updated on STN: 15 Feb 2002

L6 ANSWER 78 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:98554 BIOSIS
DN PREV200100098554
TI Identification of a receptor mediating ***Nogo*** -66 inhibition of axonal regeneration.
AU Fournier, Alyson E.; GrandPre, Tadzia; Strittmatter, Stephen M. [Reprint author]
CS Department of Neurology and Section of Neurobiology, Yale University School of Medicine, New Haven, CT, 06520, USA
stephen.strittmatter@yale.edu
SO Nature (London), (18 January, 2001) Vol. 409, No. 6818, pp. 341-346. print.
CODEN: NATUAS. ISSN: 0028-0836.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 21 Feb 2001
Last Updated on STN: 15 Feb 2002

L6 ANSWER 79 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:92426 BIOSIS
DN PREV200100092426
TI Glial changes following sensorimotor cortical lesion and blockade of the neurite inhibitory ***protein*** ***Nogo*** - ***A*** in adult rats.
AU Tsai, S. Y. [Reprint author]; DeVries, G. H.; Schwab, M. E.; Kartje, G. L.
CS Hines VA Hospital, Hines, IL, USA
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-505.3. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 21 Feb 2001
Last Updated on STN: 12 Feb 2002

L6 ANSWER 80 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:87101 BIOSIS
DN PREV200100087101
TI Regenerative and Compensatory Fiber Growth in the Lesioned Spinal Cord: To Go or to ***Nogo*** .

AU Schwab, M. E. [Reprint author]
CS Univ. of Zurich and Swiss Fed. Inst. of Tech., Zurich Brain Research Institute, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-196.2. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Feb 2001
Last Updated on STN: 12 Feb 2002

L6 ANSWER 81 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:17501 BIOSIS
DN PREV200100017501
TI Regeneration of lesioned corticospinal tract fibers in the adult rat induced by a recombinant, humanized IN-1 antibody fragment.
AU Brosamle, Christian [Reprint author]; Huber, Andrea B.; Fiedler, Markus; Skerra, Arne; Schwab, Martin E.
CS Brain Research Institute, University of Zurich, Winterthurer Strasse 190, 8057, Zurich, Switzerland
broesam@hifo.unizh.ch
SO Journal of Neuroscience, (November 1, 2000) Vol. 20, No. 21, pp. 8061-8068. print.
CODEN: JNRSDS. ISSN: 0270-6474.
DT Article
LA English
ED Entered STN: 27 Dec 2000
Last Updated on STN: 27 Dec 2000

L6 ANSWER 82 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:408034 BIOSIS
DN PREV200000408034
TI ***Nogo*** - ***A*** , a potent inhibitor of neurite outgrowth and regeneration.
AU Huber, Andrea B. [Reprint author]; Schwab, Martin E.
CS Department of Neuromorphology, Brain Research Institute, University of Zurich and Swiss Federal Institute of Technology Zurich, CH-8057, Zurich, Switzerland
SO Biological Chemistry, (May-June, 2000) Vol. 381, No. 5-6, pp. 407-419. print.
ISSN: 1431-6730.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 27 Sep 2000
Last Updated on STN: 8 Jan 2002

L6 ANSWER 83 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:209173 BIOSIS
DN PREV200000209173
TI ***Nogo*** - ***A*** is a myelin-associated neurite outgrowth inhibitor and an antigen for monoclonal antibody IN-1.
AU Chen, Maio S.; Huber, Andrea B.; van der Haar, Marjan E.; Frank, Marcus; Schnell, Lisa; Spillmann, Adrian A.; Christ, Franziska; Schwab, Martin E. [Reprint author]
CS Brain Research Institute, Department of Neuromorphology, University of Zurich and Swiss Federal Institute of Technology Zurich, 8057, Zurich, Switzerland
SO Nature (London), (Jan. 27, 2000) Vol. 403, No. 6768, pp. 434-439. print.
CODEN: NATUAS. ISSN: 0028-0836.
DT Article
LA English
ED Entered STN: 24 May 2000
Last Updated on STN: 5 Jan 2002

L6 ANSWER 84 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:160527 BIOSIS
DN PREV200000160527
TI Regeneration in the ***Nogo*** zone.
AU Tessier-Lavigne, Marc [Reprint author]; Goodman, Corey S.
CS Department of Anatomy, Howard Hughes Medical Institute, University of California at San Francisco, San Francisco, CA, 94143, USA
SO Science (Washington D.C.), (Feb. 4, 2000) Vol. 287, No. 5454, pp. 813-814.

print.
CODEN: SCIEAS. ISSN: 0036-8075.
DT Article
LA English
ED Entered STN: 26 Apr 2000
Last Updated on STN: 4 Jan 2002

L6 ANSWER 85 OF 245 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:148038 BIOSIS
DN PREV200000148038
TI Inhibitory activity and domain(s) of the myelin ***protein*** ***Nogo*** - ***A*** .
AU Chen, M. S. [Reprint author]; Schnell, L.; van der Haar, M.; Oertle, T.; Schwab, M. E.
CS Brain Research Institute, University of Zurich, Winterthurerstrasse 190, Zurich, Switzerland
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 2030. print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 19 Apr 2000
Last Updated on STN: 4 Jan 2002

L6 ANSWER 86 OF 245 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2003-25159 BIOTECHDS
TI New Nrdp1 polypeptide consisting of an ErbB3 binding domain of Nrdp1, useful for treating a HER2/neupositive neoplastic growths, such as breast, ovary, prostate and lung tumors, or for enhancing nerve growth or regeneration;
recombinant ***protein*** production via plasmid expression in host cell for use in disease therapy
AU CARRAWAY K; DIAMONTI A
PA UNIV CALIFORNIA
PI WO 2003072712 4 Sep 2003
AI WO 2003-US5088 20 Feb 2003
PRAI US 2002-378570 7 May 2002; US 2002-358793 21 Feb 2002
DT Patent
LA English
OS WPI: 2003-712713 [67]

L6 ANSWER 87 OF 245 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2003-16164 BIOTECHDS
TI New human ***Nogo*** receptor polypeptides and nucleic acids, useful for decreasing inhibition of axonal growth by a central nervous system neuron, or in treating central nervous system disease, disorder or injury, e.g. spinal cord injury;
human recombinant ***protein*** production and its encoding gene useful for gene therapy
AU STRITTMATTER S M
PA UNIV YALE
PI WO 2003031462 17 Apr 2003
AI WO 2002-US32007 4 Oct 2002
PRAI US 2001-972599 6 Oct 2001; US 2001-972599 6 Oct 2001
DT Patent
LA English
OS WPI: 2003-393433 [37]

L6 ANSWER 88 OF 245 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2001-11504 BIOTECHDS
TI New polypeptide designated ***NOGO*** - ***C*** is a splice variant of the human ***NOGO*** gene and may be useful for in the treatment of neural disorders including Alzheimer's and Parkinson's diseases;
vector-mediated gene transfer, expression in host cell and antibody for recombinant ***protein*** production, drug screening and disease therapy
AU Michalovich D; Prinjha R
PA SK-Beecham
LO Brentford, UK.
PI WO 2001036631 25 May 2001
AI WO 2000-GB4345 14 Nov 2000
PRAI GB 2000-1550 24 Jan 2000; GB 1999-26995 15 Nov 1999
DT Patent

LA English
OS WPI: 2001-343822 [36]

L6 ANSWER 89 OF 245 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2001-01526 BIOTECHDS
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists; ***Nogo*** - ***B*** ***protein*** gene useful for gene therapy
AU Wei D; Halenbeck R; Williams L T
PA Chiron
LO Emeryville, CA, USA.
PI WO 2000060083 12 Oct 2000
AI WO 2000-US9383 7 Apr 2000
PRAI US 1999-140331 21 Jun 1999; US 1999-128372 8 Apr 1999
DT Patent
LA English
OS WPI: 2000-665007 [64]

L6 ANSWER 90 OF 245 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2000-10587 BIOTECHDS
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons; vector-mediated gene transfer and expression in host cell, antibody, transgenic animal, ribozyme and antisense oligonucleotide
AU Schwab M E; Chen M S
PA Schwab M E; Chen M S
LO Zurich, Switzerland.
PI WO 2000031235 2 Jun 2000
AI WO 1999-US26160 5 Nov 1999
PRAI US 1998-107446 6 Nov 1998
DT Patent
LA English
OS WPI: 2000-400052 [34]

L6 ANSWER 91 OF 245 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2003:37309734 BIOTECHNO
TI Regulation of antisense oligodeoxynucleotides on expression of ***Nogo*** - ***A*** in oligodendrocytes in vitro
AU Peng X.; Liu S.; Ye J.
CS X. Peng, Department of Ophthalmology, Daping Hosp. and Res. Inst. of Surg., Third Military Medical University, Chongqing 400042, China.
E-mail: xijiapeng480@sohu.com
SO Chinese Ophthalmic Research, (2003), 21/5 (485-488), 11 reference(s)
CODEN: YAYAFH ISSN: 1003-0808
DT Journal; Article
CY China
LA Chinese
SL English; Chinese

L6 ANSWER 92 OF 245 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2002:36801786 BIOTECHNO
TI The ***Nogo*** receptor, its ligands and axonal regeneration in the spinal cord; a review
AU Hunt D.; Coffin R.S.; Anderson P.N.
CS D. Hunt, Dept. of Immunol./Molec. Pathology, Windeyer Institute, University College London, Cleveland Street, London W1T 4JF, United Kingdom.
E-mail: david.hunt@ucl.ac.uk
SO Journal of Neurocytology, (01 JUL 2002), 31/2 (93-120), 159 reference(s)
CODEN: JNCYA2 ISSN: 0300-4864
DT Journal; General Review
CY Netherlands
LA English
SL English

L6 ANSWER 93 OF 245 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2000:30044512 BIOTECHNO
TI NI-35/250/ ***Nogo*** - ***A*** : A neurite growth inhibitor restricting structural plasticity and regeneration of nerve fibers in the adult vertebrate CNS
AU Bandtlow C.E.; Schwab M.E.
CS C.E. Bandtlow, Institut fur Hirnforschung, University of Zurich, CH-8029 Zurich, Switzerland.

E-mail: bandtlow@hifo.unizh.ch
SO GLIA, (15 JAN 2000), 29/2 (175-181), 66 reference(s)
CODEN: GLIAEJ ISSN: 0894-1491
DT Journal; General Review
CY United States
LA English

L6 ANSWER 94 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:1006693 CAPLUS
DN 140:58448
TI Antigen-presenting cells for neuroprotection and nerve regeneration
IN Eisenbach-Schwartz, Michal; Cohen, Avraham
PA Yeda Research and Development Co. Ltd., Israel
SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI WO 2003105750 | A2 | 20031224 | WO 2003-IL500 | 20030612 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2002-388296P P 20020614

L6 ANSWER 95 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:998561 CAPLUS
TI ***Nogo*** - ***A*** expression in the intact and injured nervous system
AU Hunt, David; Coffin, R. S.; Prinjha, R. K.; Campbell, G.; Anderson, P. N.
CS Windeyer Institute, Department of Immunology and Molecular Pathology, University College London, Cleveland Street, London, W1T 4JF
SO Molecular and Cellular Neuroscience (2003), 24(4), 1083-1102
CODEN: MOCNED; ISSN: 1044-7431
PB Elsevier Science
DT Journal
LA English

L6 ANSWER 96 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:972216 CAPLUS
DN 140:24104
TI Paramyxovirus vectors encoding antibody variable regions for use in nerve injury gene therapy and immunosuppression
IN Inoue, Makoto; Hasegawa, Mamoru; Hironaka, Takashi
PA Dnavec Research Inc., Japan
SO PCT Int. Appl., 142 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI WO 2003102183 | A1 | 20031211 | WO 2003-JP7005 | 20030603 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI JP 2002-161964 A 20020603
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 97 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:875074 CAPLUS
DN 139:380024
TI Oligonucleotide probes and primers for diagnosing and monitoring autoimmune and chronic inflammatory diseases
IN Wohlgemuth, Jay; Fry, Kirk; Woodward, Robert; Ly, Ngoc
PA Expression Diagnostics, Inc., USA
SO PCT Int. Appl., 877 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 7

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 2003090694 | A2 | 20031106 | WO 2003-US13015 | 20030424 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 2004009479 | A1 | 20040115 | US 2002-131827 | 20020424 |
| PRAI | US 2002-131827 | A2 | 20020424 | | |
| | US 2001-296764P | P | 20010608 | | |
| | US 2001-6290 | A2 | 20011022 | | |

L6 ANSWER 98 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:855650 CAPLUS
DN 139:317479
TI Nucleic acid-based modulation of NOGO and NOGO receptor interactions and genes for treatment and/or diagnosis of associated diseases
IN Blatt, Lawrence; McSwiggen, James; Chowrira, Bharat M.; Haeberli, Peter
PA Ribozyme Pharmaceuticals, Inc., USA
SO U.S. Pat. Appl. Publ., 77 pp., Cont.-in-part of Appl. No. PCT/US02/10512.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 12

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | US 2003203870 | A1 | 20031030 | US 2003-430882 | 20030506 |
| | WO 2001059103 | A2 | 20010816 | WO 2001-US4273 | 20010209 |
| | WO 2001059103 | A3 | 20020613 | | |
| | WO 2001059103 | C2 | 20021024 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 2003060611 | A1 | 20030327 | US 2001-780533 | 20010209 |
| | US 2003113891 | A1 | 20030619 | US 2001-827395 | 20010405 |
| | WO 2002081628 | A2 | 20021017 | WO 2002-US10512 | 20020403 |
| | WO 2002081628 | A3 | 20030220 | | |
| | WO 2002081628 | C1 | 20030828 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| PRAI | US 2000-181797P | P | 20000211 | | |
| | US 2001-780533 | B2 | 20010209 | | |

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     WO 2001-US4273     A2   20010209
     US 2001-827395     B1   20010405
     WO 2002-US10512    A2   20020403
     US 2000-185516P    P    20000228
     US 2000-187128P    P    20000306
     US 2001-294412P    P    20010529
     US 2001-315315P    P    20010828

L6   ANSWER 99 OF 245  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2003:697090  CAPLUS
DN   139:225538
TI   Single nucleotide polymorphism genotyping to predict adverse drug
     reactions and efficacy of statin therapy in patients with cardiovascular
     disease
IN   Stropp, Udo; Schwers, Stephan; Kallabis, Harald
PA   Bayer Aktiengesellschaft, Germany
SO   PCT Int. Appl., 182 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   WO 2003072813      A2    20030904       WO 2003-EP1514   20030214
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
             RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
             CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,
             NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
             ML, MR, NE, SN, TD, TG
PRAI EP 2002-4258       A     20020227

L6   ANSWER 100 OF 245  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2003:503939  CAPLUS
DN   140:56953
TI     ***Nogo***  :  ***a***  molecular determinant of axonal growth and
     regeneration
AU   Grandpre, Tadzia Jean
CS   Yale Univ., New Haven, CT, USA
SO   (2002) 99 pp.  Avail.: UMI, Order No. DA3068283
     From: Diss. Abstr. Int., B 2003, 63(10), 4522
DT   Dissertation
LA   English

L6   ANSWER 101 OF 245  CAPLUS  COPYRIGHT 2004 ACS on STN
AN   2003:473146  CAPLUS
DN   139:47171
TI   The modulation of NOGO and NOGO receptor gene expression using antisense
     and enzymic nucleic acid-based technologies and therapeutic uses
IN   Blatt, Lawrence; McSwiggen, James; Chowrira, Bharat
PA   USA
SO   U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U.S. Ser. No. 780,533.
     CODEN: USXXCO
DT   Patent
LA   English
FAN.CNT 12
     PATENT NO.         KIND  DATE           APPLICATION NO.  DATE
     ---------------    ----  --------       ---------------  --------
PI   US 2003113891      A1    20030619       US 2001-827395   20010405
     US 2003060611      A1    20030327       US 2001-780533   20010209
     WO 2002081628      A2    20021017       WO 2002-US10512  20020403
     WO 2002081628      A3    20030220
     WO 2002081628      C1    20030828
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
             TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
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CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
WO 2002081628 A2 20021017 WO 2002-XA10512 20020403
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
WO 2002081628 A2 20021017 WO 2002-XB10512 20020403
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
WO 2002081628 A2 20021017 WO 2002-XC10512 20020403
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
EP 1386004 A2 20040204 EP 2002-763926 20020403
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2003203870 A1 20031030 US 2003-430882 20030506
PRAI US 2000-181797P P 20000211
US 2001-780533 A2 20010209
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US 2001-827395 A 20010405
US 2001-294412P P 20010529
US 2001-315315P P 20010828
WO 2002-US10512 W 20020403

L6 ANSWER 102 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:256667 CAPLUS
DN 138:284645
TI The role of extrinsic factors in the regulation of axonal sprouting in adult brain
AU Shomer, Marc Howard
CS Univ. of California, Los Angeles, CA, USA
SO (2002) 210 pp. Avail.: UMI, Order No. DA3059601
From: Diss. Abstr. Int., B 2003, 63(7), 3180
DT Dissertation
LA English

L6 ANSWER 103 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:9420 CAPLUS
DN 138:269169
TI Molecular targets for therapeutic intervention after spinal cord injury
AU Kwon, Brian K.; Borisoff, Jaimie F.; Tetzlaff, Wolfram
CS International Collaboration on Repair Discoveries, University of British Columbia, Vancouver, BC, V6T 1Z4, Can.
SO Molecular Interventions (2002), 2(4), 244-258
CODEN: MIONAR; ISSN: 1534-0384
PB American Society for Pharmacology and Experimental Therapeutics
DT Journal; General Review
LA English
RE.CNT 125 THERE ARE 125 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 104 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:909304 CAPLUS
DN 138:300857
TI ***Nogo*** and the ***Nogo*** -66 receptor
AU Fournier, Alyson E.; GrandPre, Tadzia; Gould, Graham; Wang, Xinqxing;

Strittmatter, Stephen M.
CS Department of Neurology and Section of Neurobiology, Yale University School of Medicine, New Haven, CT, 06510, USA
SO Progress in Brain Research (2002), 137(Spinal Cord Trauma), 361-369
CODEN: PBRRA4; ISSN: 0079-6123
PB Elsevier Science B.V.
DT Journal; General Review
LA English
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 105 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:529467 CAPLUS
DN 137:322861
TI Regulation of intrinsic regenerative properties and axonal plasticity in cerebellar Purkinje cells
AU Rossi, Ferdinando; Buffo, Annalisa; Strata, Piergiorgio
CS Rita Levi Montalcini Center for Brain Repair, Department of Neuroscience, University of Turin, Turin, I-10125, Italy
SO Restorative Neurology and Neuroscience (2001), 19(1,2), 85-94
CODEN: RNNEEL; ISSN: 0922-6028
PB IOS Press
DT Journal; General Review
LA English
RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 106 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:482339 CAPLUS
DN 137:260532
TI Oligodendrocyte-myelin glycoprotein is a ***Nogo*** receptor ligand that inhibits neurite outgrowth
AU Wang, Kevin C.; Koprivica, Vuk; Kim, Jieun A.; Sivasankaran, Rajeev; Guo, Yong; Neve, Rachel L.; He, Zhigang
CS Children's Hospital, Division of Neuroscience, Harvard Medical School, Boston, MA, 02115, USA
SO Nature (London, United Kingdom) (2002), 417(6892), 941-944
CODEN: NATUAS; ISSN: 0028-0836
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 107 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:450338 CAPLUS
DN 137:32058
TI Nervous system-specific antigens and activated T cells for neuroprotection and neuronal degeneration inhibition
IN Eisenbach-Schwartz, Michal; Hauben, Ehud; Cohen, Irun R.; Beserman, Pierre; Mosonego, Alon; Moalem, Gila
PA Yeda Research and Development Co. Ltd., Israel
SO U.S. Pat. Appl. Publ., 93 pp., Cont.-in-part of U.S. Ser. No. 314,161.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | US 2002072493 | A1 | 20020613 | US 2001-893348 | 20010628 |
| | WO 9934827 | A1 | 19990715 | WO 1998-US14715 | 19980721 |
| | W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 2003108528 | A1 | 20030612 | US 1998-218277 | 19981222 |
| | WO 2003002602 | A2 | 20030109 | WO 2002-IL518 | 20020627 |
| | WO 2003002602 | A3 | 20031023 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ | | | | |

UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

| | | | |
|---|---|---|---|
| PRAI | IL 1998-124500 | A | 19980519 |
| | WO 1998-US14715 | A2 | 19980721 |
| | US 1998-218277 | A2 | 19981222 |
| | US 1999-314161 | A2 | 19990519 |
| | IL 1998-124550 | A | 19980519 |
| | US 2001-893348 | A | 20010628 |

L6 ANSWER 108 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:781079 CAPLUS
DN 135:348851
TI Albumin fusion ***proteins*** with therapeutic ***proteins*** for improved shelf-life
IN Rosen, Craig A.; Haseltine, William A.
PA Human Genome Sciences, Inc, USA
SO PCT Int. Appl., 606 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 7

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 2001079444 | A2 | 20011025 | WO 2001-US12013 | 20010412 |
| | WO 2001079444 | A3 | 20020523 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2001074809 | A5 | 20011020 | AU 2001-74809 | 20010412 |
| | EP 1278544 | A2 | 20030129 | EP 2001-941457 | 20010412 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | US 2003125247 | A1 | 20030703 | US 2001-833041 | 20010412 |
| | US 2003171267 | A1 | 20030911 | US 2001-833117 | 20010412 |
| | JP 2003530847 | T2 | 20031021 | JP 2001-577428 | 20010412 |
| | US 2003199043 | A1 | 20031023 | US 2001-832501 | 20010412 |
| | US 2003219875 | A1 | 20031127 | US 2001-833118 | 20010412 |
| | US 2004010134 | A1 | 20040115 | US 2001-833245 | 20010412 |
| PRAI | US 2000-229358P | P | 20000412 | | |
| | US 2000-199384P | P | 20000425 | | |
| | US 2000-256931P | P | 20001221 | | |
| | WO 2001-US12013 | W | 20010412 | | |

L6 ANSWER 109 OF 245 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:91848 CAPLUS
DN 134:249905
TI Neurite growth inhibiting ***proteins***
AU Ding, Qin-xue; Liu, Shao-jun
CS Institute of Basic Medical Sciences, Academy of Military Medical Sciences, Beijing, 100850, Peop. Rep. China
SO Zhongguo Shenjing Kexue Zazhi (2000), 16(4), 369-373
CODEN: ZSKZFN
PB Kexue Chubanshe
DT Journal; General Review
LA Chinese

L6 ANSWER 110 OF 245 CIN COPYRIGHT 2004 ACS on STN
AN 31(2):1463E CIN
TI Other Research News
SO BioCentury, 24 Dec 2001 (20011224), 9(55, Pt. 2), p. B18-B19. ISSN: 1097-7201; CODEN: BICEFS.
LA English

L6 ANSWER 111 OF 245 CIN COPYRIGHT 2004 ACS on STN
AN 29(7):6527X CIN
TI Other research news
SO BioCentury, 31 Jan 2000 (20000131), 8(6, Pt. 2), p. B13. ISSN: 1097-7201;

CODEN: BICEFS.
LA English

L6 ANSWER 112 OF 245 CONFSCI COPYRIGHT 2004 CSA on STN
AN 2003:69060 CONFSCI
DN 03-069060
TI Antibodies against the neurite growth inhibitory ***protein*** ***Nogo*** - ***A*** enhance axonal growth and functional recovery after CNS trauma and stroke
AU Schwab, M.E.
SO International Brain Research Organization, 51 Bd de Montmorency, 75016 Paris, France; phone: 331 4647 9292; email: admin@ibro.org; URL: www.ibro.org.
Meeting Info.: 000 7023: 6th International Brain Research Organization World Congress of Neuroscience (0007023). Prague (Czech Republic). 10-15 Jul 2003. International Brain Research Organization.
DT Conference
FS DCCP
LA English

L6 ANSWER 113 OF 245 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 2004:184 DISSABS Order Number: AAIC812363 (not available for sale by UMI)
TI Molecular characterisation of the reticulon-family member ***Nogo***
AU Oertle, Thomas [Dr.sc.nat.]
CS Eidgenoessische Technische Hochschule Zuerich (Switzerland) (0663)
SO Dissertation Abstracts International, (2002) Vol. 64, No. 3C, p. 615. Order No.: AAIC812363 (not available for sale by UMI). 179 pages.
DT Dissertation
FS DAI
LA English
ED Entered STN: 20040107
Last Updated on STN: 20040107

L6 ANSWER 114 OF 245 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 2003:56831 DISSABS Order Number: AAI3083654
TI Identification of the receptor complex required for inhibition of axonal regeneration by myelin-associated glycoprotein
AU Domeniconi, Marco [Ph.D.]; Filbin, Marie T. [advisor]
CS City University of New York (0046)
SO Dissertation Abstracts International, (2003) Vol. 64, No. 3B, p. 1110. Order No.: AAI3083654. 79 pages.
DT Dissertation
FS DAI
LA English
ED Entered STN: 20031201
Last Updated on STN: 20031201

L6 ANSWER 115 OF 245 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 2003:33260 DISSABS Order Number: AAI3068283
TI ***Nogo*** : ***A*** molecular determinant of axonal growth and regeneration
AU GrandPre, Tadzia Jean [Ph.D.]; Strittmatter, Stephen M. [adviser]
CS Yale University (0265)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 10B, p. 4522. Order No.: AAI3068283. 99 pages.
ISBN: 0-493-87827-0.
DT Dissertation
FS DAI
LA English

L6 ANSWER 116 OF 245 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 2003:20089 DISSABS Order Number: AAI3059601
TI The role of extrinsic factors in the regulation of axonal sprouting in adult brain
AU Shomer, Marc Howard [Ph.D.]; Chesselet, Marie-Francoise [adviser]
CS University of California, Los Angeles (0031)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 7B, p. 3180. Order No.: AAI3059601. 210 pages.
ISBN: 0-493-75272-2.
DT Dissertation
FS DAI

LA English

L6 ANSWER 117 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA08167 peptide DGENE
TI Identifying interacting ***proteins*** from a ***protein*** display library having potential binding ***proteins*** comprises contacting target ***proteins*** with the library and detecting binding of potential binding ***proteins*** with the target ***proteins*** .
IN Kourakine A; Bredesen D
PA (BUCK-N) BUCK INST.
PI WO 2003029821 A1 20030410 61p
AI WO 2002-US31349 20021001
PRAI US 2001-326566P 20011001
DT Patent
LA English
OS 2003-403031 [38]
DESC ***Nogo*** - ***A*** ***protein*** short form peptide SEQ ID NO:71.

L6 ANSWER 118 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ADA08166 peptide DGENE
TI Identifying interacting ***proteins*** from a ***protein*** display library having potential binding ***proteins*** comprises contacting target ***proteins*** with the library and detecting binding of potential binding ***proteins*** with the target ***proteins*** .
IN Kourakine A; Bredesen D
PA (BUCK-N) BUCK INST.
PI WO 2003029821 A1 20030410 61p
AI WO 2002-US31349 20021001
PRAI US 2001-326566P 20011001
DT Patent
LA English
OS 2003-403031 [38]
DESC ***Nogo*** - ***A*** ***protein*** short form peptide SEQ ID NO:70.

L6 ANSWER 119 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81080 Protein DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR N-PSDB: ABN86601
DESC Human neurotransmitter receptor ***protein*** ***Nogo*** - ***C*** .

L6 ANSWER 120 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81079 Protein DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent

LA English
OS 2002-607255 [65]
CR N-PSDB: ABN86601
DESC Human neurotransmitter receptor ***protein*** ***Nogo*** - ***B*** .

L6 ANSWER 121 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81078 Protein DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR N-PSDB: ABN86601
DESC Human neurotransmitter receptor ***protein*** ***Nogo*** - ***A*** .

L6 ANSWER 122 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81077 Protein DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR N-PSDB: ABN86600
DESC Rat neurotransmitter receptor ***protein*** ***Nogo*** - ***C*** .

L6 ANSWER 123 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81076 Protein DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR N-PSDB: ABN86600
DESC Rat neurotransmitter receptor ***protein*** ***Nogo*** - ***B*** .

L6 ANSWER 124 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81075 peptide DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises

administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
DESC Rat ***Nogo*** - ***A*** p472 peptide (residues 623-640).

L6 ANSWER 125 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABB81074 Protein DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR N-PSDB: ABN86600
DESC Rat neurotransmitter receptor ***protein*** ***Nogo*** - ***A*** .

L6 ANSWER 126 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAB82350 Protein DGENE
TI New polypeptide designated ***NOGO*** - ***C*** is a splice variant of the human ***NOGO*** gene and may be useful in the treatment of neural disorders including Alzheimer's and Parkinson's diseases -
IN Michalovich D; Prinjha R
PA (SMIK) SMITHKLINE BEECHAM PLC.
PI WO 2001036631 A1 20010525 25p
AI WO 2000-GB4345 20001114
PRAI GB 1999-26995 19991115
GB 2000-1550 20000124
DT Patent
LA English
OS 2001-343822 [36]
CR N-PSDB: AAF90325
DESC Human ***NOGO*** - ***B*** ***protein*** .

L6 ANSWER 127 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAB82349 Protein DGENE
TI New polypeptide designated ***NOGO*** - ***C*** is a splice variant of the human ***NOGO*** gene and may be useful in the treatment of neural disorders including Alzheimer's and Parkinson's diseases -
IN Michalovich D; Prinjha R
PA (SMIK) SMITHKLINE BEECHAM PLC.
PI WO 2001036631 A1 20010525 25p
AI WO 2000-GB4345 20001114
PRAI GB 1999-26995 19991115
GB 2000-1550 20000124
DT Patent
LA English
OS 2001-343822 [36]
CR N-PSDB: AAF90324
DESC Human ***NOGO*** - ***A*** ***protein*** .

L6 ANSWER 128 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAB82348 Protein DGENE
TI New polypeptide designated ***NOGO*** - ***C*** is a splice variant of the human ***NOGO*** gene and may be useful in the treatment of

neural disorders including Alzheimer's and Parkinson's diseases -
IN Michalovich D; Prinjha R
PA (SMIK) SMITHKLINE BEECHAM PLC.
PI WO 2001036631 A1 20010525 25p
AI WO 2000-GB4345 20001114
PRAI GB 1999-26995 19991115
GB 2000-1550 20000124
DT Patent
LA English
OS 2001-343822 [36]
CR N-PSDB: AAF90323
DESC Human ***NOGO*** - ***C*** ***protein*** .

L6 ANSWER 129 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71563 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant EST.

L6 ANSWER 130 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71562 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG.

L6 ANSWER 131 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71561 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiR.

L6 ANSWER 132 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71560 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent

LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiAext.

L6 ANSWER 133 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71559 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***C*** / ***Nogo*** ***A*** ***proteins*** derived fragment to construct mutant ***Nogo*** - ***C*** .

L6 ANSWER 134 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71558 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant ***Nogo*** - ***B*** .

L6 ANSWER 135 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71557 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** truncated ***protein*** used in the construction of mutant ***Nogo*** - ***A*** .

L6 ANSWER 136 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71400 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D20.

L6 ANSWER 137 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71399 Protein DGENE

TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D18.

L6 ANSWER 138 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71398 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D17.

L6 ANSWER 139 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71397 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D16.

L6 ANSWER 140 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71396 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D15.

L6 ANSWER 141 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71395 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105

PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D14.

L6 ANSWER 142 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71394 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D10.

L6 ANSWER 143 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71393 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D9.

L6 ANSWER 144 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71392 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D8.

L6 ANSWER 145 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71391 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D7.

L6 ANSWER 146 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN  AAY71390  Protein  DGENE
TI  ***Nogo***  ***proteins***  and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN  Schwab M E; Chen M S
PA  (SCHW-I)  SCHWAB M E.
(CHEN-I)  CHEN M S.
PI  WO 2000031235 A2 20000602  122p
AI  WO 1999-US26160  19991105
PRAI  US 1998-107446  19981106
DT  Patent
LA  English
OS  2000-400052 [34]
DESC  Rat  ***Nogo***  ***A***  ***protein***  fragment used in the construction of mutant NiG-D5.

L6  ANSWER 147 OF 245  DGENE  COPYRIGHT 2004 THOMSON DERWENT on STN
AN  AAY71389  Protein  DGENE
TI  ***Nogo***  ***proteins***  and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN  Schwab M E; Chen M S
PA  (SCHW-I)  SCHWAB M E.
(CHEN-I)  CHEN M S.
PI  WO 2000031235 A2 20000602  122p
AI  WO 1999-US26160  19991105
PRAI  US 1998-107446  19981106
DT  Patent
LA  English
OS  2000-400052 [34]
DESC  Rat  ***Nogo***  ***A***  ***protein***  fragment used in the construction of mutant NiG-D4.

L6  ANSWER 148 OF 245  DGENE  COPYRIGHT 2004 THOMSON DERWENT on STN
AN  AAY71388  Protein  DGENE
TI  ***Nogo***  ***proteins***  and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN  Schwab M E; Chen M S
PA  (SCHW-I)  SCHWAB M E.
(CHEN-I)  CHEN M S.
PI  WO 2000031235 A2 20000602  122p
AI  WO 1999-US26160  19991105
PRAI  US 1998-107446  19981106
DT  Patent
LA  English
OS  2000-400052 [34]
DESC  Rat  ***Nogo***  ***A***  ***protein***  fragment used in the construction of mutant NiG-D3.

L6  ANSWER 149 OF 245  DGENE  COPYRIGHT 2004 THOMSON DERWENT on STN
AN  AAY71387  Protein  DGENE
TI  ***Nogo***  ***proteins***  and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN  Schwab M E; Chen M S
PA  (SCHW-I)  SCHWAB M E.
(CHEN-I)  CHEN M S.
PI  WO 2000031235 A2 20000602  122p
AI  WO 1999-US26160  19991105
PRAI  US 1998-107446  19981106
DT  Patent
LA  English
OS  2000-400052 [34]
DESC  Rat  ***Nogo***  ***A***  ***protein***  fragment used in the construction of mutant NiG-D2.

L6  ANSWER 150 OF 245  DGENE  COPYRIGHT 2004 THOMSON DERWENT on STN
AN  AAY71386  Protein  DGENE
TI  ***Nogo***  ***proteins***  and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN  Schwab M E; Chen M S
PA  (SCHW-I)  SCHWAB M E.
(CHEN-I)  CHEN M S.
PI  WO 2000031235 A2 20000602  122p

AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat ***Nogo*** ***A*** ***protein*** fragment used in the construction of mutant NiG-D1.

L6 ANSWER 151 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71385 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Alternative version of rat neurite growth inhibitor ***Nogo*** ***B*** .

L6 ANSWER 152 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71384 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Alternative version of rat neurite growth inhibitor ***Nogo*** ***A*** .

L6 ANSWER 153 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71383 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Rat neurite growth inhibitor ***Nogo*** ***B*** .

L6 ANSWER 154 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY71312 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
CR N-PSDB: AAD01175
DESC Rat neurite growth inhibitor ***Nogo*** ***C*** .

L6 ANSWER 155 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAY71310 Protein DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
CR N-PSDB: AAD01173
DESC Rat neurite growth inhibitor ***Nogo*** ***A*** .

L6 ANSWER 156 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAB24242 Protein DGENE
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists -
IN Wei D; Halenbeck R; Williams L T
PA (CHIR) CHIRON CORP.
PI WO 2000060083 A1 20001012 68p
AI WO 2000-US9383 20000407
PRAI US 1999-128372 19990408
US 1999-140331 19990621
DT Patent
LA English
OS 2000-665007 [64]
CR N-PSDB: AAC64406
DESC Human ***Nogo*** ***B*** ***protein*** sequence SEQ ID NO:2.

L6 ANSWER 157 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABN86601 DNA DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR P-PSDB: ABB81078; ABB81079; ABB81080
DESC Human neurotransmitter receptor ***protein*** ***Nogo*** encoding DNA.

L6 ANSWER 158 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABN86600 DNA DGENE
TI Promoting nerve regeneration and preventing neuronal degeneration in the central/peripheral nervous system from injury/disease, comprises administering nervous system-specific activated T cells/antigen, or analogs/peptides -
IN Eisenbach-Schwartz M; Hauben E; Cohen I R; Beserman P; Mosonego A; Moalem G
PA (YEDA) YEDA RES & DEV CO LTD.
PI US 2002072493 A1 20020613 93p
AI US 2001-893348 20010628
PRAI IL 1998-124500 19980519
WO 1998-US14715 19980721
US 1998-218277 19981222
US 1999-314161 19990519
DT Patent
LA English
OS 2002-607255 [65]
CR P-PSDB: ABB81074; ABB81076; ABB81077
DESC Rat neurotransmitter receptor ***protein*** ***Nogo*** encoding DNA

L6 ANSWER 159 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD01181 DNA DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
DESC Consensus sequence for translation start site.

L6 ANSWER 160 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD01175 cDNA DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
CR P-PSDB: AAY71312
DESC Rat neurite growth inhibitor ***Nogo*** ***C*** cDNA.

L6 ANSWER 161 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAD01173 cDNA DGENE
TI ***Nogo*** ***proteins*** and nucleic acids useful for treating neoplastic disorders of the central nervous system and inducing regeneration of neurons -
IN Schwab M E; Chen M S
PA (SCHW-I) SCHWAB M E.
(CHEN-I) CHEN M S.
PI WO 2000031235 A2 20000602 122p
AI WO 1999-US26160 19991105
PRAI US 1998-107446 19981106
DT Patent
LA English
OS 2000-400052 [34]
CR P-PSDB: AAY71310
DESC Rat neurite growth inhibitor ***Nogo*** ***A*** cDNA.

L6 ANSWER 162 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAC64410 RNA DGENE
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists -
IN Wei D; Halenbeck R; Williams L T
PA (CHIR) CHIRON CORP.
PI WO 2000060083 A1 20001012 68p
AI WO 2000-US9383 20000407
PRAI US 1999-128372 19990408
US 1999-140331 19990621
DT Patent
LA English
OS 2000-665007 [64]
DESC Human ***Nogo*** ***B*** phosphorothioate antisense oligonucleotide SEQ ID NO:6.

L6 ANSWER 163 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAC64409 RNA DGENE
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists -
IN Wei D; Halenbeck R; Williams L T
PA (CHIR) CHIRON CORP.
PI WO 2000060083 A1 20001012 68p

AI WO 2000-US9383 20000407
PRAI US 1999-128372 19990408
US 1999-140331 19990621
DT Patent
LA English
OS 2000-665007 [64]
DESC Human ***Nogo*** ***B*** phosphorothioate antisense oligonucleotide SEQ ID NO:5.

L6 ANSWER 164 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAC64408 RNA DGENE
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists -
IN Wei D; Halenbeck R; Williams L T
PA (CHIR) CHIRON CORP.
PI WO 2000060083 A1 20001012 68p
AI WO 2000-US9383 20000407
PRAI US 1999-128372 19990408
US 1999-140331 19990621
DT Patent
LA English
OS 2000-665007 [64]
DESC Human ***Nogo*** ***B*** phosphorothioate antisense oligonucleotide SEQ ID NO:4.

L6 ANSWER 165 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAC64407 RNA DGENE
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists -
IN Wei D; Halenbeck R; Williams L T
PA (CHIR) CHIRON CORP.
PI WO 2000060083 A1 20001012 68p
AI WO 2000-US9383 20000407
PRAI US 1999-128372 19990408
US 1999-140331 19990621
DT Patent
LA English
OS 2000-665007 [64]
DESC Human ***Nogo*** ***B*** phosphorothioate antisense oligonucleotide SEQ ID NO:3.

L6 ANSWER 166 OF 245 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAC64406 cDNA DGENE
TI Novel ***protein*** associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists -
IN Wei D; Halenbeck R; Williams L T
PA (CHIR) CHIRON CORP.
PI WO 2000060083 A1 20001012 68p
AI WO 2000-US9383 20000407
PRAI US 1999-128372 19990408
US 1999-140331 19990621
DT Patent
LA English
OS 2000-665007 [64]
CR P-PSDB: AAB24242
DESC Human ***Nogo*** ***B*** nucleotide sequence SEQ ID NO:1.

L6 ANSWER 167 OF 245 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN
AN 2002-07207 DRUGU T
TI Spinal cord injury; hope for a cure.
AU Ghirnikar R S; Baichwal N; Lee Y L; Eng L F
CS Univ.Stanford
LO Palo Alto; Stanford, Cal., USA
SO Indian J.Pharm.Sci. (63, No. 5, 349-63, 2001) 3 Fig. 3 Tab. 98 Ref.
CODEN: IJSIDW ISSN: 0250-474X
AV Scientific Writer, Genencor International Inc., 925 Page Mill Road, Palo Alto, CA 94304, U.S.A. (e-mail: rghirnikar@genencor.com).
LA English
DT Journal
FA AB; LA; CT
FS Literature

L6 ANSWER 168 OF 245 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS

RESERVED. on STN
AN 2003398572 EMBASE
TI ***Nogo*** knockout: A lot of lessons.
SO Neuroscientist, (2003) 9/5 (297).
Refs: 4
ISSN: 1073-8584 CODEN: NROSFJ
CY United States
DT Journal; Note
FS 008 Neurology and Neurosurgery
021 Developmental Biology and Teratology
029 Clinical Biochemistry
LA English

L6 ANSWER 169 OF 245 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2003236263 EMBASE
TI Sequential loss of myelin ***proteins*** during Wallerian degeneration in the rat spinal cord.
AU Buss A.; Schwab M.E.
CS A. Buss, Winterthurerstrasse 190, 8057 Zurich, Switzerland. arminbuss@hotmail.com
SO GLIA, (1 Jun 2003) 42/4 (424-432).
Refs: 34
ISSN: 0894-1491 CODEN: GLIAEJ
CY United States
DT Journal; Article
FS 008 Neurology and Neurosurgery
LA English
SL English

L6 ANSWER 170 OF 245 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2002455499 EMBASE
TI Paralysis recovery in humans and model systems.
AU Edgerton V.R.; Roy R.R.
CS V.R. Edgerton, Brain Research Institute, University of California, Los Angeles Brain Research Institute, 695 Charles E Young Drive South, Los Angeles, CA 90095-1761, United States. vre@ucla.edu
SO Current Opinion in Neurobiology, (1 Dec 2002) 12/6 (658-667).
Refs: 70
ISSN: 0959-4388 CODEN: COPUEN
CY United Kingdom
DT Journal; General Review
FS 008 Neurology and Neurosurgery
037 Drug Literature Index
LA English
SL English

L6 ANSWER 171 OF 245 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2002454699 EMBASE
TI Increasing plasticity and functional recovery of the lesioned spinal cord.
AU Schwab M.E.
CS M.E. Schwab, Department of Neuromorphology, Brain Research Institute, University of Zurich, Winterthurerstr. 190, 8057 Zurich, Switzerland. schwab@hifo.unizh.ch
SO Progress in Brain Research, (2002) 137/- (351-359).
Refs: 71
ISSN: 0079-6123 CODEN: PBRRA4
CY Netherlands
DT Journal; Conference Article
FS 008 Neurology and Neurosurgery
021 Developmental Biology and Teratology
LA English
SL English

L6 ANSWER 172 OF 245 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2002427173 EMBASE
TI Reorganization of descending motor tracts in the rat spinal cord.
AU Raineteau O.; Fouad K.; Bareyre F.M.; Schwab M.E.
CS Dr. O. Raineteau, Brain Research Institute, University and ETH Zurich, Winterthurerstrasse 190, 8057 Zurich, Switzerland. rainet@hifo.unizh.ch
SO European Journal of Neuroscience, (2002) 14/9 (1761-1771).
Refs: 47
ISSN: 0953-816X CODEN: EJONEI

CY United Kingdom
DT Journal; Article
FS 008 Neurology and Neurosurgery
LA English
SL English

L6 ANSWER 173 OF 245 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2001267401 EMBASE
TI Functional recovery after spinal cord injury: Basic science meets clinic.
AU Schwab J.M.; Leppert C.A.; Kaps K.-H.; Monnier P.P.
CS J.M. Schwab, Institute of Brain Research, University of Tubingen, Medical School, Calwerstr. 3, Tubingen, Germany. jmschwab@med.uni-tuebingen.de
SO Trends in Neurosciences, (1 Aug 2001) 24/8 (437-439).
Refs: 6
ISSN: 0166-2236 CODEN: TNSCDR
PUI S 0166-2236(00)01893-2
CY United Kingdom
DT Journal; Conference Article
FS 008 Neurology and Neurosurgery
026 Immunology, Serology and Transplantation
029 Clinical Biochemistry
LA English

L6 ANSWER 174 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:203595 FEDRIP
NR CRISP 5R01NS40960-02
TI Neuron Plasticity and Recovery of Function After Stroke
SF Principal Investigator: KARTJE, GWENDOLYN L; WENDY.KARTJE@MED.VA.GOV, HINES VA HOSPITAL, PO BOX 1490
CSP LOYOLA UNIVERSITY MEDICAL CENTER, MAYWOOD, ILLINOIS
CSS Supported By: NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE
DB 2009 (/15/01)
FYR 2002
DE 2009 (/14/06)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L6 ANSWER 175 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:55967 FEDRIP
NR VA 149928
NC 0001, 578
TI ***Nogo*** - ***A*** Blockade Induced Functional Recovery in Adult Rats After Pyramidotomy
SF Principal Investigator: Tsai, Shih-Yen, M.D., Ph.D.
CSP Department of Veterans Affairs, Medical Center, Hines, IL
CSS Supported By: Department of Veterans Affairs. Research and Development (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of America
DB Jun 17, 2002
FS Department of Veterans Affairs

L6 ANSWER 176 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:55871 FEDRIP
NR VA 155821
NC 0016, 578
TI REAP-Effects of Axonal Guidance Molecules in ***Nogo*** - ***A*** Blockade Induced Neuroregeneration Neuroplasticity, and Functional Recovery in Adult Rat
SF Principal Investigator: Kartje, Gwendolyn L., M.D., Ph.D.
CSP Department of Veterans Affairs, Medical Center, Hines, IL
CSS Supported By: Department of Veterans Affairs. Research and Development (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of America
DB Nov 15, 2002
FS Department of Veterans Affairs

L6 ANSWER 177 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:55868 FEDRIP
NR VA 145330
NC 0013, 578
TI The Functional Effect of MAb IN-1 Treatment on Cortico-Efferent Plasticity in Adult Rats w/Sensorimotor Cortex Lesions
SF Principal Investigator: Kartje, Gwendolyn L., M.D., Ph.D.
CSP Department of Veterans Affairs, Medical Center, Hines, IL
[illegible] Affairs. Research and Development

(15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of America
DB Jul 17, 2001
FS Department of Veterans Affairs

L6 ANSWER 178 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:55866 FEDRIP
NR VA 143279
NC 0010, 578
TI The Role of Neuregulin in Focal Ischemic Brain Injury in the Aged Rat
SF Principal Investigator: Kartje, Gwendolyn L., M.D., Ph.D.
CSP Department of Veterans Affairs, Medical Center, Hines, IL
CSS Supported By: Department of Veterans Affairs. Research and Development (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of America
DB Oct 9, 2001
FS Department of Veterans Affairs

L6 ANSWER 179 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:55865 FEDRIP
NR VA 141030
NC 0009, 578
TI Neuronal Plasticity and Recovery of Function After Stroke
SF Principal Investigator: Kartje, Gwendolyn L., M.D., Ph.D.
CSP Department of Veterans Affairs, Medical Center, Hines, IL
CSS Supported By: Department of Veterans Affairs. Research and Development (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of America
DB Jul 1, 2001
FS Department of Veterans Affairs

L6 ANSWER 180 OF 245 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:55862 FEDRIP
NR VA 126640
NC 0006, 578
TI ***Nogo*** - ***A*** Blockade and Functional Recovery After Stroke in the Aged
SF Principal Investigator: Kartje, Gwendolyn L., M.D., Ph.D.
CSP Department of Veterans Affairs, Medical Center, Hines, IL
CSS Supported By: Department of Veterans Affairs. Research and Development (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of America
DB Apr 1, 1999
FS Department of Veterans Affairs

L6 ANSWER 181 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AB073672 GenBank (R)
GenBank ACC. NO. (GBN): AB073672
GenBank VERSION (VER): AB073672.1 GI:30268592
CAS REGISTRY NO. (RN): 511793-47-8
SEQUENCE LENGTH (SQL): 1738
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 3 Jun 2003
DEFINITION (DEF): Mus musculus mRNA for ***Nogo*** - ***A*** , partial cds.
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 537 a 352 c 366 g 483 t
REFERENCE: 1
AUTHOR (AU): Tozaki,H.; Hirata,T.
TITLE (TI): The partial sequence of mouse ***nogo*** - ***A*** cDNA clone#4109
JOURNAL (SO): Unpublished
REFERENCE: 2 (bases 1 to 1738)
AUTHOR (AU): Tozaki,H.; Hirata,T.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (29-OCT-2001) Hirokazu Tozaki, Division of Brain Function, National Institute of Genetics; Yata 1111, Mishima, Shizuoka 411-8540, Japan (E-mail:htozaki@lab.nig.ac.jp, URL:http://www.nig.ac.jp/home-j.html,

Tel:81-55-981-6721(ex.6721), Fax:81-55-981-6722)

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| CDS | <1..1738 | /gene="Nogo-A"<br>/codon-start=2<br>/product="Nogo-A"<br>/protein-id="BAC75974.1"<br>/db-xref="GI:30268593"<br>/translation="PSPVLPDIVMEAPLNSLLPS<br>TGASVAQPSASPLEVPSPVSYDGI<br>KLEPENPPPYEEAMSVALKTSDAKEEIKEPESFN<br>AAAQEAEAPYISIACDLIKETKLS<br>TEPSPGFSNYSEIAKFEKSVPDHCELVDDSSPES<br>EPVDLFSDDSIPEVPQTQEEAVML<br>MKESLTEVSETVTQHKHKERLSASPQEVGKPYLE<br>SFQPNLHITKDAASNEIPTLTKKE<br>TISLQMEEFNTAIYSNDDLLSSKEDKMKESETFS<br>DSSPIEIIDEFPTFVSAKDDSPKE<br>YTDLEVSNKSEIANVQSGANSLPCSELPCDLSFK<br>NTYPKDEAHVSDEFSKSRSSVFKV<br>PLLLPNVSALESQIEMGNIVKPKVLTKEAEEKLP<br>SDTEKEDRSLTAVLSAELNKTSVV<br>DLLYWRDIKKTGVVFGASLFLLLSLTVFSIVSVT<br>AYIALALLSVTISFRIYKGVIQAI<br>QKSDEGHPFRAYLESEVAISEELVQKYSNSALGH<br>VNSTIKELRRLFLVDDLVDSLKFA<br>VLMWVFTYVGALFNGLTLLILALISLFSIPVIYE<br>RHQAQIDHYLGLANKSVKDAMAKI<br>QAKIPGLKRKAE" |

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L6 ANSWER 182 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY102279 GenBank (R)
GenBank ACC. NO. (GBN): AY102279
GenBank VERSION (VER): AY102279.1 GI:26800572
CAS REGISTRY NO. (RN): 493758-90-0
SEQUENCE LENGTH (SQL): 4789
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates

DATE (DATE): 23 Sep 2003
DEFINITION (DEF): Homo sapiens RTN4 isoform A (RTN4) mRNA, complete cds; alternatively spliced.
SOURCE: Homo sapiens (human)
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
NUCLEIC ACID COUNT (NA): 1422 a 1052 c 1075 g 1240 t
REFERENCE: 1 (bases 1 to 4789)
AUTHOR (AU): Oertle,T.; Huber,C.; van der Putten,H.; Schwab,M.E.
TITLE (TI): Genomic structure and functional characterisation of the promoters of human and mouse ***nogo*** /rtn4
JOURNAL (SO): J. Mol. Biol., 325 (2), 299-323 (2003)
OTHER SOURCE (OS): CA 138:249430
REFERENCE: 2 (bases 1 to 4789)
AUTHOR (AU): Oertle,T.; Schwab,M.E.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (07-MAY-2002) Brain Research Institute, University of Zurich and ETH Zurich, Winterthurerstr.190, Zuerich 8057, Switzerland
REFERENCE: 3 (bases 1 to 4789)
AUTHOR (AU): Van der Putten,H.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (07-MAY-2002) Nervous System Research, Novartis Pharma Inc., Basel, Switzerland

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GenBank VERSION (VER):    AY102276.1  GI:26800564
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DIVISION CODE (CI):       Primates
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   AUTHOR (AU):           Oertle,T.; Huber,C.; van der Putten,H.; Schwab,M.E.
   TITLE (TI):            Genomic structure and functional characterisation of
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   JOURNAL (SO):          J. Mol. Biol., 325 (2), 299-323 (2003)
   OTHER SOURCE (OS):     CA 138:249430
REFERENCE:                2  (bases 1 to 1800)
   AUTHOR (AU):           Oertle,T.; Schwab,M.E.
   TITLE (TI):            Direct Submission
   JOURNAL (SO):          Submitted (07-MAY-2002) Brain Research Institute,
                          University of Zurich and ETH Zurich,
                          Winterthurerstr.190, Zuerich 8057, Switzerland
REFERENCE:                3  (bases 1 to 1800)
   AUTHOR (AU):           Van der Putten,H.
   TITLE (TI):            Direct Submission
   JOURNAL (SO):          Submitted (07-MAY-2002) Nervous System Research,
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L6   ANSWER 184 OF 245    GENBANK.RTM.  COPYRIGHT 2004 on STN

LOCUS (LOC):              AY102277     GenBank (R)
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GenBank VERSION (VER):    AY102277.1  GI:26800561
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SEQUENCE LENGTH (SQL):    2332
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DIVISION CODE (CI):       Primates
DATE (DATE):              23 Sep 2003
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SOURCE:                   Homo sapiens (human)
 ORGANISM (ORGN):         Homo sapiens
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REFERENCE:                1  (bases 1 to 2332)
   AUTHOR (AU):           Oertle,T.; Huber,C.; van der Putten,H.; Schwab,M.E.
   TITLE (TI):            Genomic structure and functional characterisation of
                          the promoters of human and mouse   ***nogo***  /rtn4
   JOURNAL (SO):          J. Mol. Biol., 325 (2), 299-323 (2003)
   OTHER SOURCE (OS):     CA 138:249430
REFERENCE:                2  (bases 1 to 2332)
   AUTHOR (AU):           Oertle,T.; Schwab,M.E.
   TITLE (TI):            Direct Submission
   JOURNAL (SO):          Submitted (07-MAY-2002) Brain Research Institute,
                          University of Zurich and ETH Zurich,
                          Winterthurerstr.190, Zuerich 8057, Switzerland
REFERENCE:                3  (bases 1 to 2332)
   AUTHOR (AU):           Van der Putten,H.
   TITLE (TI):            Direct Submission
   JOURNAL (SO):          Submitted (07-MAY-2002) Nervous System Research,
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LOCUS (LOC): AY102284 GenBank (R)
GenBank ACC. NO. (GBN): AY102284
GenBank VERSION (VER): AY102284.1 GI:23379816
CAS REGISTRY NO. (RN): 458381-19-6
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DIVISION CODE (CI): Rodents
DATE (DATE): 29 Jan 2003
DEFINITION (DEF): Mus musculus RTN4 (Rtn4) mRNA, complete cds, alternatively spliced.
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 1328 a 1021 c 1107 g 1171 t
REFERENCE: 1 (bases 1 to 4627)
AUTHOR (AU): Oertle,T.; Huber,C.; van der Putten,H.; Schwab,M.E.
TITLE (TI): Genomic Structure and Functional Characterisation of the Promoters of Human and Mouse ***nogo*** /rtn4
JOURNAL (SO): J. Mol. Biol., 325 (2), 299-323 (2003)
OTHER SOURCE (OS): CA 138:249430
REFERENCE: 2 (bases 1 to 4627)
AUTHOR (AU): Oertle,T.; Schwab,M.E.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (07-MAY-2002) Brain Research Institute, University of Zurich and ETH Zurich, Winterthurerstr.190, Zuerich 8057, Switzerland
REFERENCE: 3 (bases 1 to 4627)
AUTHOR (AU): Van der Putten,H.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (07-MAY-2002) Nervous System Research, Novartis Pharma Inc., Basel, Switzerland

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L6 ANSWER 186 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

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GenBank VERSION (VER):  AY102283.1  GI:23379814
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SEQUENCE LENGTH (SQL):  1769
MOLECULE TYPE (CI):     mRNA; linear
DIVISION CODE (CI):     Rodents
DATE (DATE):            29 Jan 2003
DEFINITION (DEF):       Mus musculus RTN4 (Rtn4) mRNA, complete cds,
                        alternatively spliced.
SOURCE:                 Mus musculus (house mouse)
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                        Euteleostomi; Mammalia; Eutheria; Rodentia;
                        Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 501 a   307 c   420 g   541 t
REFERENCE:              1  (bases 1 to 1769)
   AUTHOR (AU):         Oertle,T.; Huber,C.; van der Putten,H.; Schwab,M.E.
   TITLE (TI):          Genomic Structure and Functional Characterisation of
                        the Promoters of Human and Mouse   ***nogo***  /rtn4
   JOURNAL (SO):        J. Mol. Biol., 325 (2), 299-323 (2003)
   OTHER SOURCE (OS):   CA 138:249430
REFERENCE:              2  (bases 1 to 1769)
   AUTHOR (AU):         Oertle,T.; Schwab,M.E.
   TITLE (TI):          Direct Submission
   JOURNAL (SO):        Submitted (07-MAY-2002) Brain Research Institute,
                        University of Zurich and ETH Zurich,
                        Winterthurerstr.190, Zuerich 8057, Switzerland
REFERENCE:              3  (bases 1 to 1769)
   AUTHOR (AU):         Van der Putten,H.
   TITLE (TI):          Direct Submission
   JOURNAL (SO):        Submitted (07-MAY-2002) Nervous System Research,
                        Novartis Pharma Inc., Basel, Switzerland

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L6 ANSWER 187 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

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LOCUS (LOC):              AY102281     GenBank (R)
GenBank ACC. NO. (GBN):   AY102281
GenBank VERSION (VER):    AY102281.1  GI:23379810
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SEQUENCE LENGTH (SQL):    2209
MOLECULE TYPE (CI):       mRNA; linear
DIVISION CODE (CI):       Rodents
DATE (DATE):              29 Jan 2003
DEFINITION (DEF):         Mus musculus RTN4 (Rtn4) mRNA, complete cds,
                          alternatively spliced.
SOURCE:                   Mus musculus (house mouse)
 ORGANISM (ORGN):         Mus musculus
                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                          Euteleostomi; Mammalia; Eutheria; Rodentia;
                          Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 517 a   535 c   596 g   561 t
REFERENCE:                1  (bases 1 to 2209)
   AUTHOR (AU):           Oertle,T.; Huber,C.; van der Putten,H.; Schwab,M.E.
   TITLE (TI):            Genomic Structure and Functional Characterisation of
                          the Promoters of Human and Mouse   ***nogo***  /rtn4
   JOURNAL (SO):          J. Mol. Biol., 325 (2), 299-323 (2003)
   OTHER SOURCE (OS):     CA 138:249430
REFERENCE:                2  (bases 1 to 2209)
   AUTHOR (AU):           Oertle,T.; Schwab,M.E.
   TITLE (TI):            Direct Submission
   JOURNAL (SO):          Submitted (07-MAY-2002) Brain Research Institute,
                          University of Zurich and ETH Zurich,
                          Winterthurerstr.190, Zuerich 8057, Switzerland
REFERENCE:                3  (bases 1 to 2209)
   AUTHOR (AU):           Van der Putten,H.
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TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (07-MAY-2002) Nervous System Research, Novartis Pharma Inc., Basel, Switzerland

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| Feature Key | Location | Qualifier |
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| gene | 1..2209 | /gene="Rtn4"<br>/note="synonym: nogo" |
| 5'UTR | 1..248 | /gene="Rtn4" |
| CDS | 249..1319 | /gene="Rtn4"<br>/note="NOGO-B; RTN4-B1; alternatively spliced"<br>/codon-start=1<br>/product="RTN4"<br>/protein-id="AAM73503.1"<br>/db-xref="GI:23379811"<br>/translation="MEDIDQSSLVSSSADSPPRP<br>PPAFKYQFVTEPEDEEDEEDEEEE<br>EDDEDLEELEVLERKPAAGLSAAPVPPAAAPLLD<br>FSSDSVPPAPRGPLPAAPPTAPER<br>QPSWERSPAASAPSLPPAAAVLPSKLPEDDEPPA<br>RPPAPAGASPLAEPAAPPSTPAAP<br>KRRGSGSVVVDLLYWRDIKKTGVVFGASLFLLLS<br>LTVFSIVSVTAYIALALLSVTISF<br>RIYKGVIQAIQKSDEGHPFRAYLESEVAISEELV<br>QKYSNSALGHVNSTIKELRRLFLV<br>DDLVDSLKFAVLMWVFTYVGALFNGLTLLILALI<br>SLFSIPVIYERHQAQIDHYLGLAN<br>KSVKDAMAKIQAKIPGLKRKAE" |
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GenBank ACC. NO. (GBN): AK098385
GenBank VERSION (VER):  AK098385.1  GI:21758388
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SEQUENCE LENGTH (SQL):  1631
MOLECULE TYPE (CI):     mRNA; linear
DIVISION CODE (CI):     Primates
DATE (DATE):            12 Sep 2003
DEFINITION (DEF):       Homo sapiens cDNA FLJ25519 fis, clone CBR06737, highly
                        similar to Homo sapiens mRNA for   ***Nogo***  -
                          ***A***     ***protein***   (  ***Nogo***   gene).
KEYWORDS (ST):          oligo capping; fis (full insert sequence)
SOURCE:                 Homo sapiens (human)
 ORGANISM (ORGN):       Homo sapiens
                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                        Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                        Hominidae; Homo
NUCLEIC ACID COUNT (NA): 414 a   467 c   421 g   329 t
COMMENT:
     NEDO human cDNA sequencing project supported by Ministry of
     Economy, Trade and Industry of Japan; cDNA full insert sequencing:
     Research Association for Biotechnology (RAB); cDNA library
     construction and 5'-end one pass sequencing: Institute of Medical
     Science, University of Tokyo, Laboratory of Genome Structure, Human
     Genome Center; 3'-end one pass sequencing: RAB; clone selection for
     full insert sequencing: RAB and Helix Research Institute.
REFERENCE:              1
   AUTHOR (AU):         Tashiro,H.; Yamazaki,M.; Watanabe,K.; Kumagai,A.;
                        Itakura,S.; Fukuzumi,Y.; Fujimori,Y.; Komiyama,M.;
                        Suzuki,Y.; Hata,H.; Nakagawa,K.; Mizuno,S.;
                        Morinaga,M.; Kawamura,M.; Sugiyama,T.; Irie,R.;
                        Otsuki,T.; Sato,H.; Nishikawa,T.; Sugiyama,A.;
                        Kawakami,B.; Nagai,K.; Isogai,T.; Sugano,S.
   TITLE (TI):          NEDO human cDNA sequencing project
   JOURNAL (SO):        Unpublished
REFERENCE:              2  (bases 1 to 1631)
   AUTHOR (AU):         Sugano,S.; Suzuki,Y.
   TITLE (TI):          Direct Submission
   JOURNAL (SO):        Submitted (08-JUL-2002) Sumio Sugano, Institute of
                        Medical Science, University of Tokyo, Laboratory of
                        Genome Structure, Human Genome Center; Shirokane-dai,
                        4-6-1, Minato-ku, Tokyo 108-8639, Japan
                        (E-mail:flcdna@ims.u-tokyo.ac.jp, Tel:81-3-5449-5286,
                        Fax:81-3-5449-5416)

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LOCUS (LOC):              AY114153     GenBank (R)
GenBank ACC. NO. (GBN):   AY114153
GenBank VERSION (VER):    AY114153.1  GI:21898578
CAS REGISTRY NO. (RN):    441830-66-6
SEQUENCE LENGTH (SQL):    1276
MOLECULE TYPE (CI):       mRNA; linear
DIVISION CODE (CI):       Rodents
DATE (DATE):              17 Jul 2002
DEFINITION (DEF):         Mus musculus   ***nogo***  -  ***B***   mRNA, complete
                          cds.
SOURCE:                   house mouse.
 ORGANISM (ORGN):         Mus musculus
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                          Euteleostomi; Mammalia; Eutheria; Rodentia;
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REFERENCE:                1  (bases 1 to 1276)
   AUTHOR (AU):           Jin,W.; Li,R.; Long,M.; Shen,J.; Ju,G.
   TITLE (TI):            Cloning and expression of the mouse   ***Nogo***  -
                            ***B***     ***protein***
   JOURNAL (SO):          Unpublished
REFERENCE:                2  (bases 1 to 1276)
   AUTHOR (AU):           Jin,W.; Li,R.; Long,M.; Shen,J.; Ju,G.
   TITLE (TI):            Direct Submission
   JOURNAL (SO):          Submitted (17-MAY-2002) Institute of Neurosciences, 17
                          Chang Le Xi Road, Xi'an, Shaanxi 710032, China

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L6 ANSWER 190 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

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CAS REGISTRY NO. (RN): 441830-65-5
SEQUENCE LENGTH (SQL): 3821
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DIVISION CODE (CI): Rodents
DATE (DATE): 17 Jul 2002
DEFINITION (DEF): Mus musculus ***nogo*** - ***A*** mRNA, complete cds.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
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NUCLEIC ACID COUNT (NA): 1088 a 903 c 928 g 902 t
REFERENCE: 1 (bases 1 to 3821)
AUTHOR (AU): Jin,W.; Long,M.; Li,R.; Ju,G.
TITLE (TI): Cloning and expression of the mouse ***Nogo*** - ***A*** ***protein***
JOURNAL (SO): Unpublished
REFERENCE: 2 (bases 1 to 3821)
AUTHOR (AU): Jin,W.; Long,M.; Li,R.; Ju,G.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (17-MAY-2002) Institute of Neurosciences, 17 Chang Le Xi Road, Xi'an, Shaanxi 710032, China

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L6   ANSWER 191 OF 245    GENBANK.RTM.  COPYRIGHT 2004 on STN

LOCUS (LOC):              BQ619144     GenBank (R)
GenBank ACC. NO. (GBN):   BQ619144
GenBank VERSION (VER):    BQ619144.1  GI:21621138
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DIVISION CODE (CI):       Expressed sequence tag
DATE (DATE):              6 Sep 2002
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NUCLEIC ACID COUNT (NA): 115 a   364 c   222 g   219 t   3 others
COMMENT:
     Contact: Mark Fredricksen
     Department of Plant Biology
     University of Illinois
     1201 W. Gregory Dr., Urbana, IL 61801, USA
     Tel: 2172655473
     Email: bohnertlab@life.uiuc.edu.
REFERENCE:                1  (bases 1 to 923)
   AUTHOR (AU):           Wang,H.; Bohnert,H.J.
   TITLE (TI):            Genomics of plant stress tolerance
   JOURNAL (SO):          Unpublished (2002)

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L6 ANSWER 192 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

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GenBank ACC. NO. (GBN): AF462390
GenBank VERSION (VER): AF462390.1 GI:21311542
CAS REGISTRY NO. (RN): 427799-82-4
SEQUENCE LENGTH (SQL): 1422
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DIVISION CODE (CI): Rodents
DATE (DATE): 7 Jul 2003
DEFINITION (DEF): Rattus norvegicus ***NOGO*** -66 receptor (NgR) mRNA, complete cds.
SOURCE: Rattus norvegicus (Norway rat)
ORGANISM (ORGN): Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus
NUCLEIC ACID COUNT (NA): 252 a 484 c 404 g 282 t
REFERENCE: 1 (bases 1 to 1422)
AUTHOR (AU): Oertle,T.; Van Der Haar,M.E.; Bandtlow,C.E.; Robeva,A.; Burfeind,P.; Buss,A.; Huber,A.B.; Simonen,M.; Schnell,L.; Brosamle,C.; Kaupmann,K.; Vallon,R.; Schwab,M.E.
TITLE (TI): ***Nogo*** - ***A*** Inhibits Neurite Outgrowth and Cell Spreading with Three Discrete Regions
JOURNAL (SO): J. Neurosci., 23 (13), 5393-5406 (2003)
OTHER SOURCE (OS): CA 139:274379
REFERENCE: 2 (bases 1 to 1422)
AUTHOR (AU): Oertle,T.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (23-DEC-2001) Brain Research Institute, University of Zurich and Swiss Federal Institute of Technology Zurich, Winterthurerstrasse 190, Zurich 8057, Switzerland

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  1141 gactctccat ttgggacttt gccgggctct gcagagcccc cactgactgc cctgcggcct
  1201 gggggttccg agcccccggg actgcccacc acgggtcccc gcaggaggcc aggttgttcc
  1261 agaaagaacc gcacccgtag ccactgccgt ctgggccagg caggaagtgg gagcagtgga
  1321 actggggatg cagaaggttc gggggccctg cctgccctgg cctgcagcct tgctcctctg
  1381 ggccttgcac tggtactttg gacagtgctt gggccctgct ga

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LOCUS (LOC):              BM872263     GenBank (R)
GenBank ACC. NO. (GBN):   BM872263
GenBank VERSION (VER):    BM872263.2  GI:30406935
CAS REGISTRY NO. (RN):    410191-55-8
SEQUENCE LENGTH (SQL):    732
MOLECULE TYPE (CI):       mRNA; linear
DIVISION CODE (CI):       Expressed sequence tag
DATE (DATE):              6 May 2003
DEFINITION (DEF):         mgmy002xK16f.b Magnaporthe grisea MY Uni-Zap XR Library
                          Magnaporthe grisea cDNA clone mgmy002xK16 5', mRNA
                          sequence.
KEYWORDS (ST):            EST
SOURCE:                   Magnaporthe grisea (anamorph: Pyricularia grisea)
 ORGANISM (ORGN):         Magnaporthe grisea
                          Eukaryota; Fungi; Ascomycota; Pezizomycotina;
                          Sordariomycetes; Sordariomycetes incertae sedis;
                          Magnaporthaceae; Magnaporthe
NUCLEIC ACID COUNT (NA): 204 a   208 c   157 g   156 t   7 others
COMMENT:
     On Mar 7, 2002 this sequence version replaced gi:19239945.
     Contact: Ebbole DJ
     Department of Plant Pathology & Microbiology
     Texas A&M University
     Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
     Tel: 979 845 4831
     Fax: 979 845 6483
     Email: d-ebbole@tamu.edu
     Chromatogram file of this sequence is available, see contact person
     ;Best nr hit (April. 22, 2003) gb|AAG40878.1|AF320999_1   ***Nogo***  -
                          ***A***
         ***protein***   short form [Homo sapiens] 40 0.045
     PCR PRimers
     FORWARD: T3 primer
     BACKWARD: T7 primer
     Plate: mgmy002  row: K  column: 16
     Seq primer: T3.
REFERENCE:                1  (bases 1 to 732)
   AUTHOR (AU):           Ebbole,D.J.; Yuan,J.; Thomas,T.L.; Bobrowicz,P.; Lu,G.;
                          Bhatterai,K. ; Dean,R.A.
   TITLE (TI):            Expressed sequence tags from the rice blast fungus,
                          Magnaporthe grisea
   JOURNAL (SO):          Unpublished (2002)

FEATURES (FEAT):
  Feature Key       Location                Qualifier
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source          1..732                  /organism="Magnaporthe grisea"
                                        /strain="70-15"
                                        /db-xref="taxon:148305"
                                        /clone="mgmy002xK16"
                                        /clone-lib="Magnaporthe grisea MY
                                        Uni-Zap XR Library"
                                        /sex="Mat1-2 hermaphrodite"
                                        /cell-type="mycelium"
                                        /note="Vector: pBluescriptSK+;
                                        Site-1: EcoRI; Site-2: XhoI ;
                                        Unidirectional cloning. EcoRI side
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has T3 primer and predominantly 5' reads. T7 primer on XhoI side of insert. Minimal medium mycelium library. Sequences were processed by one of two methods. Where a full-length alignment to the M. grisea genome sequence was available, the EST sequence was trimed according to the alignment, otherwise sequence quality was assessed using phredPhrap version 991019 and trimmed according to phd files (0.05) and for vector seqs."

SEQUENCE (SEQ):

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     1 gcctgatcag aatctcgtca gattacacta cacccccac ttatgaacga caatacggtg
    61 gcacctggct caccgcagct gggtgcgcca aaactggggg annnnnnnaa gctcagtgct
   121 gcatggacga ctctgcttgg gtctggaaaa tcttccagca actgttcgca accttctgag
   181 aaaccaacgc aacagtgcca acacaaacaa gaaccccgag aaacccggga agagcaacat
   241 gaacgctgta acaatggcca cctaggatcg ggatctgacg aggatgtcaa cccggtggca
   301 tttatacctc gtgatttcct tgccaatttt gatttttcca agcttgacgc ttccagcctc
   361 acaacaccaa agaagcagga gaaactagtg tctttgtcgc catccaggga ggagatttat
   421 tcaaccacct cgagcccctt atcagacgcc tcgctgggtt gcttcagccc ctcatttgca
   481 gacgaggaac actctactgc tccctcttct cctcaactcg accgtccttt tcagcaggaa
   541 ttggaagaga ttataatcct gtcaactgaa tcagcaacac caaaaccacc gaaaaaacag
   601 aagggttcgt agcatgcacc gtaacgccag ccttgttctg gaccaattga aataccgccc
   661 aatcttcgca aattctatgt cgaggaactg gccaaggccc aaagggtttt tggcaaagaa
   721 ccaaggcttc at
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LOCUS (LOC): BM872014 GenBank (R)
GenBank ACC. NO. (GBN): BM872014
GenBank VERSION (VER): BM872014.2 GI:30407181
CAS REGISTRY NO. (RN): 410189-06-9
SEQUENCE LENGTH (SQL): 551
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 6 May 2003
DEFINITION (DEF): mgmy001xB09f.b Magnaporthe grisea MY Uni-Zap XR Library Magnaporthe grisea cDNA clone mgmy001xB09 5', mRNA sequence.
KEYWORDS (ST): EST
SOURCE: Magnaporthe grisea (anamorph: Pyricularia grisea)
ORGANISM (ORGN): Magnaporthe grisea
Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes; Sordariomycetes incertae sedis; Magnaporthaceae; Magnaporthe
NUCLEIC ACID COUNT (NA): 146 a 163 c 119 g 123 t
COMMENT:
On Mar 7, 2002 this sequence version replaced gi:19239696.
Contact: Ebbole DJ
Department of Plant Pathology & Microbiology
Texas A&M University
Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
Tel: 979 845 4831
Fax: 979 845 6483
Email: d-ebbole@tamu.edu
Chromatogram file of this sequence is available, see contact person
;Best nr hit (April. 22, 2003) gb|AAG40878.1|AF320999_1 ***Nogo*** - ***A***
***protein*** short form [Homo sapiens] 40 0.025
PCR PRimers
FORWARD: T3 primer
BACKWARD: T7 primer
Plate: mgmy001 row: B column: 09
Seq primer: T3.
REFERENCE: 1 (bases 1 to 551)
AUTHOR (AU): Ebbole,D.J.; Yuan,J.; Thomas,T.L.; Bobrowicz,P.; Lu,G.; Bhatterai,K. ; Dean,R.A.
TITLE (TI): Expressed sequence tags from the rice blast fungus, Magnaporthe grisea
JOURNAL (SO): Unpublished (2002)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..551 | /organism="Magnaporthe grisea"<br>/strain="70-15"<br>/db-xref="taxon:148305"<br>/clone="mgmy001xB09"<br>/clone-lib="Magnaporthe grisea MY Uni-Zap XR Library"<br>/sex="Mat1-2 hermaphrodite"<br>/cell-type="mycelium"<br>/note="Vector: pBluescriptSK+; Site-1: EcoRI; Site-2: XhoI ; Unidirectional cloning. EcoRI side has T3 primer and predominantly 5' reads. T7 primer on XhoI side of insert. Minimal medium mycelium library. Sequences were processed by one of two methods. Where a full-length alignment to the M. grisea genome sequence was available, the EST sequence was trimed according to the alignment, otherwise sequence quality was assessed using phredPhrap version 991019 and trimmed according to phd files (0.05) and for vector seqs." |

SEQUENCE (SEQ):

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     1 ccccccacttt atgaacgaca atacggtggc acctggctca ccgcagctgg gtgcgccaaa
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   121 ttccagcaac tgttcgcaac cttctgagaa accaacgcaa cagtgccaac acaaacaaga
   181 accccgagaa acccgggaag agcaacatga acgctgtaac aatggccacc taggatcggg
   241 atctgacgag gatgtcaacc cggtggcatt tatacctcgt gatttccttg ccaattttga
   301 tttttccaag cttgacgctt ccagcctcac aacaccaaag aagcaggaga aactagtgtc
   361 tttgtcgcca tccagggagg agatttattc aaccacctcg agccccttat cagacgcctc
   421 gctgggttgc ttcagcccct catttgcaga cgaggaacac tctactgctc cctcttctcc
   481 tcaactcgac cgtccttttc agcaggaatt ggaagagatt ataatcctgt caactgaatc
   541 agcaacacca t
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| | |
|---|---|
| LOCUS (LOC): | AF320999 GenBank (R) |
| GenBank ACC. NO. (GBN): | AF320999 |
| GenBank VERSION (VER): | AF320999.1 GI:11878277 |
| CAS REGISTRY NO. (RN): | 309911-32-8 |
| SEQUENCE LENGTH (SQL): | 2883 |
| MOLECULE TYPE (CI): | mRNA; linear |
| DIVISION CODE (CI): | Primates |
| DATE (DATE): | 18 Dec 2000 |
| DEFINITION (DEF): | Homo sapiens ***Nogo*** - ***A*** ***protein*** short form mRNA, complete cds, alternatively spliced. |
| SOURCE: | human. |
| ORGANISM (ORGN): | Homo sapiens<br>Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo |
| NUCLEIC ACID COUNT (NA): | 955 a 539 c 634 g 755 t |
| REFERENCE: | 1 (bases 1 to 2883) |
| AUTHOR (AU): | Jin,W.-L.; Ju,G. |
| TITLE (TI): | Developmentally-regulated alternative splicing in a novel ***Nogo*** - ***A*** |
| JOURNAL (SO): | Unpublished |
| REFERENCE: | 2 (bases 1 to 2883) |
| AUTHOR (AU): | Jin,W.-L.; Ju,G. |
| TITLE (TI): | Direct Submission |
| JOURNAL (SO): | Submitted (12-NOV-2000) Institute of Neurosciences, No. 17 Chang Le West Road, Xian, Shannxi 710032, China |

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..2883 | /organism="Homo sapiens"<br>/db-xref="taxon:9606" |
| CDS | 1..2883 | /note="alternatively spliced"<br>/codon-start=1 |

/product="Nogo-A protein short
form"
/protein-id="AAG40878.1"
/db-xref="GI:11878278"
/translation="MEDLDQSPLVSSSDSPPRPQ
PAFKYQFVREPEDEEEEEEEEED
EDEDLEELEVLERTEFSELEYSEMGSSFSVSPKA
ESAVIVANPREEIIVKNKDEEEKL
VSNNILHNQQELPTALTKLVKEDEVVSSEKAKDS
FNEKRVAVEAPMREEYADFKPFER
VWEVKDSKEDSDMLAAGGKIESNLESKVDKKCFA
DSLEQTNHEKDSESSNDDTSFPST
PEGIKDRSGAYITCAPFNPAATESIATNIFPLLG
DPTSENKTDEKKIEEKKAQIVTEK
NTSTKTSNPFLVAAQDSETDYVTTDNLTKVTEEV
VANMPEGLTPDLVQEACESELNEV
TGTKIAYETKMDLVQTSEVMQESLYPAAQLCPSF
EESEATPSPVLPDIVMEAPLNSAV
PSAGASVIQPSSSPLEASSVNYESIKHEPENPPP
YEEAMSVSLKKVSGIKEEIKEPEN
INAALQETEAPYISIACDLIKETKLSAEPAPDFS
DYSEMAKVEQPVPDHSELVEDSSP
DSEPVDLFSDDSIPDVPQKQDETVMLVKESLTET
SFESMIEYENKEKLSALPPEGGKP
YLESFKLSLDNTKDTLLPDEVSTLSKKEKIPLQM
EELSTAVYSNDDLFISKEAQIRET
ETFSDSSPIEIIDEFPTLISSKTDSFSKLAREYT
DLEVSHKSEIANAPDGAGSLPCTE
LPHDLSLKNIQPKVEEKISFSDDFSKNGSATSKV
LLLPPDVSALATQAEIESIVKPKV
LVKEAEKKLPSDTEKEDRSPSAIFSAELSKTSVV
DLLYWRDIKKTGVVFGASLFLLLS
LTVFSIVSVTAYIALALLSVTISFRIYKGVIQAI
QKSDEGHPFRAYLESEVAISEELV
QKYSNSALGHVNCTIKELRRLFLVDDLVDSLKFA
VLMWVFTYVGALFNGLTLLILALI
SLFSVPVIYERHQAQIDHYLGLANKNVKDAMAKI
QAKIPGLKRKAE"

SEQUENCE (SEQ):

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   121 gaagaggagg acgaggatga agacctggag gagctggagg tgctggagag gacagagttt
   181 tcagaattag aatactcaga aatgggatca tcgttcagtg tctctccaaa agcagaatct
   241 gccgtaatag tagcaaatcc tagggaagaa ataatcgtga aaaataaaga tgaagaagag
   301 aagttagtta gtaataacat ccttcataat caacaagagt tacctacagc tcttaccaaa
   361 ttggttaaag aggatgaagt tgtgtcttca gaaaaagcaa aagacagttt taatgaaaag
   421 agagttgcag tggaagctcc tatgagggag gaatatgcag acttcaaacc atttgagcga
   481 gtatgggaag tgaaagatag taaggaagat agtgatatgt tggctgctgg aggtaaaatc
   541 gagagcaact tggaaagtaa agtggataaa aaatgttttg cagatagcct tgagcaaact
   601 aatcacgaaa aagatagtga gagtagtaat gatgatactt ctttccccag tacgccagaa
   661 ggtataaagg atcgttcagg agcatatatc acatgtgctc cctttaaccc agcagcaact
   721 gagagcattg caacaaacat ttttcctttg ttaggagatc ctacttcaga aaataagacc
   781 gatgaaaaaa aaatagaaga aaagaaggcc caaatagtaa cagagaagaa tactagcacc
   841 aaaacatcaa acccttttct tgtagcagca caggattctg agacagatta tgtcacaaca
   901 gataatttaa caaaggtgac tgaggaagtc gtggcaaaca tgcctgaagg cctgactcca
   961 gatttagtac aggaagcatg tgaaagtgaa ttgaatgaag ttactggtac aaagattgct
  1021 tatgaaacaa aaatggactt ggttcaaaca tcagaagtta tgcaagagtc actctatcct
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  1321 ataaaggaag aaattaaaga gcctgaaaat attaatgcag ctcttcaaga aacagaagct
  1381 ccttatatat ctattgcatg tgatttaatt aaagaaacaa agctttctgc tgaaccagct
  1441 ccggatttct ctgattattc agaaatggca aaagttgaac agccagtgcc tgatcattct
  1501 gagctagttg aagattcctc acctgattct gaaccagttg acttatttag tgatgattca
  1561 atacctgacg ttccacaaaa acaagatgaa actgtgatgc ttgtgaaaga aagtctcact
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  2161 ccagatgttt ctgctttggc cactcaagca gagatagaga gcatagttaa acccaaagtt
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  2281 tctgctatat tttcagcaga gctgagtaaa acttcagttg ttgacctcct gtactggaga
  2341 gacattaaga agactggagt ggtgtttggt gccagcctat tcctgctgct ttcattgaca
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  2461 agctttagga tatacaaggg tgtgatccaa gctatccaga aatcagatga aggccaccca
  2521 ttcagggcat atctggaatc tgaagttgct atatctgagg agttggttca gaagtacagt
  2581 aattctgctc ttggtcatgt gaactgcacg ataaaggaac tcaggcgcct cttcttagtt
  2641 gatgatttag ttgattctct gaagtttgca gtgttgatgt gggtatttac ctatgttggt
  2701 gccttgttta atggtctgac actactgatt ttggctctca tttcactctt cagtgttcct
  2761 gttatttatg aacggcatca ggcacagata gatcattatc taggacttgc aaataagaat
  2821 gttaaagatg ctatggctaa aatccaagca aaaatccctg gattgaagcg caaagctgaa
  2881 tga

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LOCUS (LOC):              BF261312     GenBank (R)
GenBank ACC. NO. (GBN):   BF261312
GenBank VERSION (VER):    BF261312.1  GI:11190435
CAS REGISTRY NO. (RN):    303897-45-2
SEQUENCE LENGTH (SQL):    293
MOLECULE TYPE (CI):       mRNA; linear
DIVISION CODE (CI):       Expressed sequence tag
DATE (DATE):              16 Nov 2000
DEFINITION (DEF):         1M0007F03 Bovine Mixed Skeletal Muscle cDNA Library Bos
                          taurus cDNA 5', mRNA sequence.
SOURCE:                   cow.
 ORGANISM (ORGN):         Bos taurus
                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                          Euteleostomi; Mammalia; Eutheria; Cetartiodactyla;
                          Ruminantia; Pecora; Bovoidea; Bovidae; Bovinae; Bos
NUCLEIC ACID COUNT (NA): 96 a   47 c   63 g   87 t
COMMENT:
     Contact: Dr. Stephen Moore
     . Beef Genomics Laboratory
     Dept of AFNS, University of Alberta
     410 Agri/For, Dept of AFNS, U of A, Edmonton, AB, T6G 2P5, Canada
     Tel: 780 492 0169
     Fax: 780 492 4265
     Email: smoore@afns.ualberta.ca
     The sequence best matches gb:HSA251383 (Homo sapiens mRNA for
         ***Nogo***  -  ***A***     ***protein***   (  ***Nogo***   gene).
                        7/2000) in GenBank main database at
     E-value of 3e-70.
     PCR PRimers
     FORWARD: M13 Forward
     BACKWARD: M13 Reverse
     Seq primer: T3 primer
     High quality sequence stop: 293
     POLYA=No.
REFERENCE:                1  (bases 1 to 293)
   AUTHOR (AU):           Moore,S.S.; Li,C.; Fu,A.; Kneeland,J.; Meng,Y.;
                          Murdoch,G.; Dixon,W. ; Christopherson,B.
   TITLE (TI):            cDNA's from bovine mixed skeletal muscle tissue
   JOURNAL (SO):          Unpublished (2000)

FEATURES (FEAT):
  Feature Key       Location                Qualifier
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source          1..293                  /organism="Bos taurus"
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                                        Muscle cDNA Library"
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                                        mixed"
                                        /tissue-type="masseter,
                                        longissmusclorsi, biceps femoris,
                                        semimembrances"
                                        /cell-type="muscle"
                                        /dev-stage="Young adult"
                                        /lab-host="XL1-BlueMRF-strain"
                                        /note="Organ: Skeletal muscle;
                                        Vector: Uni-2ZAPXR; Site-1: EcoR
                                        I; Site-2: Xho I"
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    1 ttcaatggtc tgacactact aattttggct ctgatttcac tcttcagtgt tcctgttata
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  121 aagatgctat ggctaaaatc caagcaaaaa tccctggatt gaagcgtaaa gctgaatgag
  181 aaagcctgaa agagttaaca ataagaggag tttatcttta aaggggatat tcatttgatt
  241 cccattgggg agggtcaggg aaagaacaat tttgtctctt gaccatttgc aag

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LOCUS (LOC):              BB480525     GenBank (R)
GenBank ACC. NO. (GBN):   BB480525
GenBank VERSION (VER):    BB480525.1  GI:9398134
CAS REGISTRY NO. (RN):    282360-57-0
SEQUENCE LENGTH (SQL):    178
MOLECULE TYPE (CI):       mRNA; linear
DIVISION CODE (CI):       Expressed sequence tag
DATE (DATE):              23 Jul 2000
DEFINITION (DEF):         BB480525 RIKEN full-length enriched, 13 days embryo
                          heart Mus musculus cDNA clone D330048B06 3' similar to
                          AJ242961 Rattus norvegicus mRNA for   ***Nogo***  -
                            ***A***     ***protein***   , mRNA sequence.
SOURCE:                   house mouse.
 ORGANISM (ORGN):         Mus musculus
                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                          Euteleostomi; Mammalia; Eutheria; Rodentia;
                          Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 52 a   52 c   34 g   40 t
COMMENT:
     Contact: Yoshihide Hayashizaki
     Laboratory for Genome Exploration Research Group, RIKEN Genomic
     Sciences Center(GSC), Yokohama Institute
     The Institute of Physical and Chemical Research (RIKEN)
     1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
     Tel: 81-45-503-9222
     Fax: 81-45-503-9216
     Email: genome-res@gsc.riken.go.jp,
     URL:http://genome.gsc.riken.go.jp/
     Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki
     ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
     Thermostabilization and thermoactivation of thermolabile enzymes by
     trehalose and its application for the synthesis of full length
     cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
      Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J.,
     Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki
     ,Y. and Hayashizaki,Y.
      Automated filtration-based high-throughput plasmid preparation
     system. Genome Res. 9 (5), 463-470 (1999)
      Carninci,P. and Hayashizaki,Y.
      High-efficiency full-length cDNA cloning. Methods Enzymol. 303,
     19-44 (1999)
      Please visit our web site (http://genome.rtc.riken.go.jp) for
     further details.
REFERENCE:                1  (bases 1 to 178)
   AUTHOR (AU):           Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.;
                          Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.;
                          Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.;
                          Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.;
                          Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.;
                          Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.;
                          Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.;
                          Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y;
                          Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.;
                          Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.;
                          Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.;
                          Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a;
                          Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.;
                          Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.;
                          Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.;
                          Hayashizaki,Y.
   TITLE (TI):            RIKEN Mouse ESTs (Konno,H., et al.)
   JOURNAL (SO):          Unpublished (2000)

FEATURES (FEAT):
  Feature Key       Location                Qualifier
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source          1..178                  /organism="Mus musculus"
                                        /db_xref="taxon:10090"
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/clone="D330048B06"
/clone-lib="RIKEN full-length enriched, 13 days embryo heart"
/tissue-type="heart"
/dev-stage="13 days embryo"
/lab-host="DH10B"
/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAGCGGCCGCAACTCGAGTTTTTTTT TTTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with BamHI and XhoI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I."

SEQUENCE (SEQ):
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     1 cttgcgaagg atactgaaag cacgaatgag tattcttctt tcccccggac cccagaactt
    61 gtgaaggacg gctccagagc gtacttcacc cctgattcct ttagctcacc aaccgagagt
   121 actgcaccca acattttccc tgtgctagaa gatcacactt cagaaaacaa aacagatg
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L6 ANSWER 198 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB464932 GenBank (R)
GenBank ACC. NO. (GBN): BB464932
GenBank VERSION (VER): BB464932.1 GI:9382121
CAS REGISTRY NO. (RN): 282204-64-2
SEQUENCE LENGTH (SQL): 234
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 22 Jul 2000
DEFINITION (DEF): BB464932 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130095K16 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 78 a 50 c 52 g 54 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki

,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.

REFERENCE: 1 (bases 1 to 234)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.; Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.; Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..234 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="D130095K16"<br>/clone-lib="RIKEN full-length enriched, 12 days embryo spinal ganglion"<br>/tissue-type="spinal ganglion"<br>/dev-stage="12 days embryo"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAGCGGCCGCAACTCGAGTTTTTTTT TTTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with BamHI and XhoI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I." |

SEQUENCE (SEQ):
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     1 ttatagtaag taaagtcgac atgaaattct ttgtagatag cctcgagcaa aaaggtcatg
    61 ggaaggatag tgtaagcaga aatgagaatg cttctttccc caggacccca gaacttgtga
   121 aggacggctc cagagcgtac atcacctgtg attcctttag ctcagcaacc gagagtactg
   181 cagcaaacat tttccctgtg ctagaagatc acacttcaga aaacaaaaca gatg
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L6 ANSWER 199 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB453935 GenBank (R)

GenBank ACC. NO. (GBN): BB453935
GenBank VERSION (VER): BB453935.1 GI:9349428
CAS REGISTRY NO. (RN): 281969-38-8
SEQUENCE LENGTH (SQL): 190
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 21 Jul 2000
DEFINITION (DEF): BB453935 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130027J19 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 60 a 52 c 33 g 45 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.
REFERENCE: 1 (bases 1 to 190)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.; Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.; Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..190 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="D130027J19"<br>/clone-lib="RIKEN full-length enriched, 12 days embryo spinal ganglion"<br>/tissue-type="spinal ganglion"<br>/dev-stage="12 days embryo"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: |

BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAGCGGCCGCAACTCGAGTTTTTTTT TTTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with BamHI and XhoI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I."

SEQUENCE (SEQ):

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     1 gagctaaaag ttcatgcgaa ggttagtgat agcagatata agcatccttc tttccccagg
    61 accccagaac ttttgaaaga cgcctccaga gcgtacatca cctctcattc ctttagctca
   121 cctaccgaga gtactgcagc aaacattttc cctctgctag aagatcacac ttcagaaaac
   181 aaaacagatg
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L6 ANSWER 200 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB453357 GenBank (R)
GenBank ACC. NO. (GBN): BB453357
GenBank VERSION (VER): BB453357.1 GI:9348797
CAS REGISTRY NO. (RN): 281963-07-3
SEQUENCE LENGTH (SQL): 319
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 21 Jul 2000
DEFINITION (DEF): BB453357 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130022P03 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 104 a 62 c 77 g 76 t
COMMENT:

Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/

Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)

Please visit our web site (http://genome.rtc.riken.go.jp) for further details.

REFERENCE: 1 (bases 1 to 319)

AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.; Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.; Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.; Hayashizaki,Y.

TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)

JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..319 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="D130022P03"<br>/clone-lib="RIKEN full-length enriched, 12 days embryo spinal ganglion"<br>/tissue-type="spinal ganglion"<br>/dev-stage="12 days embryo"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAGCGGCCGCAACTCGAGTTTTTTTT TTTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with BamHI and XhoI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I." |

SEQUENCE (SEQ):

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     1 tctcagattt ttacccattt gcactagttt gggaagtgat agatacttat gagggaagta
    61 gggatctgct ggctgctaga gctaatatgg aaagtaaagt ggacaaaaaa tgctttgaag
   121 atagcctgga gcaaaaaggt tatgggaagg atagtgaaag cagaaatgag aatgcttctt
   181 tccccaggac cccagaactt gtgaaggacg gctccagagc gtacatcacc tgtgattcct
   241 ttagctcagc aacccagagt actgcagcaa acattttccc ctgtgctaga agatcacact
   301 tcagaaaaca aaacagatg
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L6 ANSWER 201 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): HSA251385 GenBank (R)

GenBank ACC. NO. (GBN): AJ251385

GenBank VERSION (VER): AJ251385.1 GI:9408099

CAS REGISTRY NO. (RN): 390291-55-1

SEQUENCE LENGTH (SQL): 600

MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 22 Jul 2000
DEFINITION (DEF): Homo sapiens mRNA for ***Nogo*** - ***C***
***protein*** ( ***Nogo*** gene).

SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 161 a 113 c 144 g 182 t
REFERENCE: 1 (bases 1 to 600)
AUTHOR (AU): Prinjha,R.; Moore,S.E.; Vinson,M.; Blake,S.; Morrow,R.;
Christie,G.; Michalovich,D.; Simmons,D.L.; Walsh,F.S.
TITLE (TI): Inhibitor of neurite outgrowth in humans
JOURNAL (SO): Nature, 403 (6768), 383-384 (2000)
OTHER SOURCE (OS): CA 132:249011
REFERENCE: 2 (bases 1 to 600)
AUTHOR (AU): Michalovich,D.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (29-NOV-1999) Michalovich D., Bioinformatics,
Smithkline Beecham, Third Avenue, Harlow, Essex, CM19
5AW, BOSNIA AND HERZEGOVINA

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..600 | /organism="Homo sapiens"<br>/db-xref="taxon:9606" |
| gene | 1..600 | /gene="Nogo" |
| CDS | 1..600 | /gene="Nogo"<br>/codon-start=1<br>/evidence=experimental<br>/product="Nogo-C protein"<br>/protein-id="CAB99250.1"<br>/db-xref="GI:9408100"<br>/translation="MDGQKKNWKDKVVDLLYWRD<br>IKKTGVVFGASLFLLLSLTVFSIV<br>SVTAYIALALLSVTISFRIYKGVIQAIQKSDEGH<br>PFRAYLESEVAISEELVQKYSNSA<br>LGHVNCTIKELRRLFLVDDLVDSLKFAVLMWVFT<br>YVGALFNGLTLLILALISLFSVPV<br>IYERHQAQIDHYLGLANKNVKDAMAKIQAKIPGL<br>KRKAE" |

SEQUENCE (SEQ):
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     1 atggacggtc agaagaaaaa ttggaaggac aaggttgttg acctcctgta ctggagagac
    61 attaagaaga ctggagtggt gtttggtgcc agcctattcc tgctgctttc attgacagta
   121 ttcagcattg tgagcgtaac agcctacatt gccttggccc tgctctctgt gaccatcagc
   181 tttaggatat acaagggtgt gatccaagct atccagaaat cagatgaagg ccacccattc
   241 agggcatatc tggaatctga agttgctata tctgaggagt tggttcagaa gtacagtaat
   301 tctgctcttg gtcatgtgaa ctgcacgata aaggaactca ggcgcctctt cttagttgat
   361 gatttagttg attctctgaa gtttgcagtg ttgatgtggg tatttaccta tgttggtgcc
   421 ttgtttaatg gtctgacact actgattttg gctctcattt cactcttcag tgttcctgtt
   481 atttatgaac ggcatcaggc acagatagat cattatctag gacttgcaaa taagaatgtt
   541 aaagatgcta tggctaaaat ccaagcaaaa atccctggat tgaagcgcaa agctgaatga
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L6 ANSWER 202 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): HSA251384 GenBank (R)
GenBank ACC. NO. (GBN): AJ251384
GenBank VERSION (VER): AJ251384.1 GI:9408097
CAS REGISTRY NO. (RN): 392124-59-3
SEQUENCE LENGTH (SQL): 1122
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 22 Jul 2000
DEFINITION (DEF): Homo sapiens mRNA for ***Nogo*** - ***B***
***protein*** ( ***Nogo*** gene).

SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 224 a 339 c 316 g 243 t
REFERENCE: 1 (bases 1 to 1122)

```
   AUTHOR (AU):          Prinjha,R.; Moore,S.E.; Vinson,M.; Blake,S.; Morrow,R.;
                         Christie,G.; Michalovich,D.; Simmons,D.L.; Walsh,F.S.
   TITLE (TI):           Inhibitor of neurite outgrowth in humans
   JOURNAL (SO):         Nature, 403 (6768), 383-384 (2000)
   OTHER SOURCE (OS):    CA 132:249011
REFERENCE:               2  (bases 1 to 1122)
   AUTHOR (AU):          Michalovich,D.
   TITLE (TI):           Direct Submission
   JOURNAL (SO):         Submitted (29-NOV-1999) Michalovich D., Bioinformatics,
                         Smithkline Beecham, Third Avenue, Harlow, Essex, CM19
                         5AW, BOSNIA AND HERZEGOVINA

FEATURES (FEAT):
  Feature Key       Location                Qualifier
==============+=====================+================================
source          1..1122                 /organism="Homo sapiens"
                                        /db-xref="taxon:9606"
gene            1..1122                 /gene="Nogo"
CDS             1..1122                 /gene="Nogo"
                                        /codon-start=1
                                        /product="Nogo-B protein"
                                        /protein-id="CAB99249.1"
                                        /db-xref="GI:9408098"
                                        /translation="MEDLDQSPLVSSSDSPPRPQ
                                        PAFKYQFVREPEDEEEEEEEEEED
                                        EDEDLEELEVLERKPAAGLSAAPVPTAPAAGAPL
                                        MDFGNDFVPPAPRGPLPAAPPVAP
                                        ERQPSWDPSPVSSTVPAPSPLSAAAVSPSKLPED
                                        DEPPARPPPPPASVSPQAEPVWT
                                        PPAPAPAAPPSTPAAPKRRGSSGSVVVDLLYWRD
                                        IKKTGVVFGASLFLLLSLTVFSIV
                                        SVTAYIALALLSVTISFRIYKGVIQAIQKSDEGH
                                        PFRAYLESEVAISEELVQKYSNSA
                                        LGHVNCTIKELRRLFLVDDLVDSLKFAVLMWVFT
                                        YVGALFNGLTLLILALISLFSVPV
                                        IYERHQAQIDHYLGLANKNVKDAMAKIQAKIPGL
                                        KRKAE"

SEQUENCE (SEQ):
     1 atggaagacc tggaccagtc tcctctggtc tcgtcctcgg acagcccacc ccggccgcag
    61 cccgcgttca agtaccagtt cgtgagggag cccgaggacg aggaggaaga agaggaggag
   121 gaagaggagg acgaggacga agacctggag gagctggagg tgctggagag gaagcccgcc
   181 gccgggctgt ccgcggcccc agtgcccacc gcccctgccg ccggcgcgcc cctgatggac
   241 ttcggaaatg acttcgtgcc gccggcgccc cggggacccc tgccggccgc tccccccgtc
   301 gccccggagc ggcagccgtc ttgggacccg agcccggtgt cgtcgaccgt gcccgcgcca
   361 tccccgctgt ctgctgccgc agtctcgccc tccaagctcc ctgaggacga cgagcctccg
   421 gcccggcctc cccctcctcc cccggccagc gtgagccccc aggcagagcc cgtgtggacc
   481 ccgccagccc cggctcccgc cgcgcccccc tccaccccgg ccgcgcccaa gcgcaggggc
   541 tcctcgggct cagtggttgt tgacctcctg tactggagag acattaagaa gactggagtg
   601 gtgtttggtg ccagcctatt cctgctgctt tcattgacag tattcagcat tgtgagcgta
   661 acagcctaca ttgccttggc cctgctctct gtgaccatca gctttaggat atacaagggt
   721 gtgatccaag ctatccagaa atcagatgaa ggccacccat tcagggcata tctggaatct
   781 gaagttgcta tatctgagga gttggttcag aagtacagta attctgctct tggtcatgtg
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  1081 atccaagcaa aaatccctgg attgaagcgc aaagctgaat ga

L6   ANSWER 203 OF 245    GENBANK.RTM.  COPYRIGHT 2004 on STN

LOCUS (LOC):             HSA251383     GenBank (R)
GenBank ACC. NO. (GBN):  AJ251383
GenBank VERSION (VER):   AJ251383.1  GI:9408095
CAS REGISTRY NO. (RN):   392205-86-6
SEQUENCE LENGTH (SQL):   3579
MOLECULE TYPE (CI):      mRNA; linear
DIVISION CODE (CI):      Primates
DATE (DATE):             22 Jul 2000
DEFINITION (DEF):        Homo sapiens mRNA for   ***Nogo***  -  ***A***
                           ***protein***   (  ***Nogo***   gene).

SOURCE:                  human.
 ORGANISM (ORGN):        Homo sapiens
                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                         Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                         Hominidae; Homo
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NUCLEIC ACID COUNT (NA): 1074 a  803 c  812 g  890 t
REFERENCE: 1 (bases 1 to 3579)
AUTHOR (AU): Prinjha,R.; Moore,S.E.; Vinson,M.; Blake,S.; Morrow,R.; Christie,G.; Michalovich,D.; Simmons,D.L.; Walsh,F.S.
TITLE (TI): Inhibitor of neurite outgrowth in humans
JOURNAL (SO): Nature, 403 (6768), 383-384 (2000)
OTHER SOURCE (OS): CA 132:249011
REFERENCE: 2 (bases 1 to 3579)
AUTHOR (AU): Michalovich,D.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (29-NOV-1999) Michalovich D., Bioinformatics, Smithkline Beecham, Third Avenue, Harlow, Essex, CM19 5AW, BOSNIA AND HERZEGOVINA

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| CDS | 1..3579 | /gene="Nogo" |
| | | /codon-start=1 |
| | | /evidence=experimental |
| | | /product="Nogo-A protein" |
| | | /protein-id="CAB99248.1" |
| | | /db-xref="GI:9408096" |
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| | | ERQPSWDPSPVSSTVPAPSPLSAAAVSPSKLPED |
| | | DEPPARPPPPPPASVSPQAEPVWT |
| | | PPAPAPAAPPSTPAAPKRRGSSGSVDETLFALPA |
| | | ASEPVIRSSAENMDLKEQPGNTIS |
| | | AGQEDFPSVLLETAASLPSLSPLSAASFKEHEYL |
| | | GNLSTVLPTEGTLQENVSEASKEV |
| | | SEKAKTLLIDRDLTEFSELEYSEMGSSFSVSPKA |
| | | ESAVIVANPREEIIVKNKDEEEKL |
| | | VSNNILHNQQELPTALTKLVKEDEVVSSEKAKDS |
| | | FNEKRVAVEAPMREEYADFKPFER |
| | | VWEVKDSKEDSDMLAAGGKIESNLESKVDKKCFA |
| | | DSLEQTNHEKDSESSNDDTSFPST |
| | | PEGIKDRPGAYITCAPFNPAATESIATNIFPLLG |
| | | DPTSENKTDEKKIEEKKAQIVTEK |
| | | NTSTKTSNPFLVAAQDSETDYVTTDNLTKVTEEV |
| | | VANMPEGLTPDLVQEACESELNEV |
| | | TGTKIAYETKMDLVQTSEVMQESLYPAAQLCPSF |
| | | EESEATPSPVLPDIVMEAPLNSAV |
| | | PSAGASVIQPSSSPLEASSVNYESIKHEPENPPP |
| | | YEEAMSVSLKKVSGIKEEIKEPEN |
| | | INAALQETEAPYISIACDLIKETKLSAEPAPDFS |
| | | DYSEMAKVEQPVPDHSELVEDSSP |
| | | DSEPVDLFSDDSIPDVPQKQDETVMLVKESLTET |
| | | SFESMIEYENKEKLSALPPEGGKP |
| | | YLESFKLSLDNTKDTLLPDEVSTLSKKEKIPLQM |
| | | EELSTAVYSNDDLFISKEAQIRET |
| | | ETFSDSSPIEIIDEFPTLISSKTDSFSKLAREYT |
| | | DLEVSHKSEIANAPDGAGSLPCTE |
| | | LPHDLSLKNIQPKVEEKISFSDDFSKNGSATSKV |
| | | LLLPPDVSALATQAEIESIVKPKV |
| | | LVKEAEKKLPSDTEKEDRSPSAIFSAELSKTSVV |
| | | DLLYWRDIKKTGVVFGASLFLLLS |
| | | LTVFSIVSVTAYIALALLSVTISFRIYKGVIQAI |
| | | QKSDEGHPFRAYLESEVAISEELV |
| | | QKYSNSALGHVNCTIKELRRLFLVDDLVDSLKFA |
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SEQUENCE (SEQ):

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   121 gaagaggagg acgaggacga agacctggag gagctggagg tgctggagag gaagcccgcc
   181 gccgggctgt ccgcggcccc agtgcccacc gcccctgccg ccggcgcgcc cctgatggac
   241 ttcggaaatg acttcgtgcc gccggcgccc cggggacccc tgccggccgc tccccccgtc
   301 gccccggagc ggcagccgtc ttgggacccg agcccggtgt cgtcgaccgt gcccgcgcca
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   421 gcccggcctc cccctcctcc cccggccagc gtgagccccc aggcagagcc cgtgtggacc
   481 ccgccagccc cggctcccgc cgcgcccccc tccaccccgg ccgcgcccaa gcgcaggggc
   541 tcctcgggct cagtggatga gacccttttt gctcttcctg ctgcatctga gcctgtgata
   601 cgctcctctg cagaaaatat ggacttgaag gagcagccag gtaacactat ttcggctggt
   661 caagaggatt tcccatctgt cctgcttgaa actgctgctt ctcttccttc tctgtctcct
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  1141 agggaggaat atgcagactt caaaccattt gagcgagtat gggaagtgaa agatagtaag
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  2101 ttaattaaag aaacaaagct ttctgctgaa ccagctccgg atttctctga ttattcagaa
  2161 atggcaaaag ttgaacagcc agtgcctgat cattctgagc tagttgaaga ttcctcacct
  2221 gattctgaac cagttgactt atttagtgat gattcaatac ctgacgttcc acaaaaacaa
  2281 gatgaaactg tgatgcttgt gaaagaaagt ctcactgaga cttcatttga gtcaatgata
  2341 gaatatgaaa ataaggaaaa actcagtgct ttgccacctg agggaggaaa gccatatttg
  2401 gaatcttta agctcagttt agataacaca aaagataccc tgttacctga tgaagtttca
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L6 ANSWER 204 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB425617 GenBank (R)
GenBank ACC. NO. (GBN): BB425617
GenBank VERSION (VER): BB425617.1 GI:9265344
CAS REGISTRY NO. (RN): 281079-73-0
SEQUENCE LENGTH (SQL): 166
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 18 Jul 2000
DEFINITION (DEF): BB425617 RIKEN full-length enriched, 12 days embryo spinal cord Mus musculus cDNA clone C530047H01 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 50 a 54 c 27 g 35 t

COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic
Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki
,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by
trehalose and its application for the synthesis of full length
cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J.,
Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki
,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation
system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303,
19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for
further details.
REFERENCE: 1 (bases 1 to 166)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.;
Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.;
Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.;
Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.;
Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.;
Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.;
Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.;
Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y;
Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.;
Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.;
Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.;
Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a;
Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.;
Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.;
Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.;
Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..166 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="C530047H01"<br>/clone-lib="RIKEN full-length enriched, 12 days embryo spinal cord"<br>/tissue-type="spinal cord"<br>/dev-stage="12 days embryo"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA |

was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I."

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   121 cattttccct gtgctagaag atcacacttc agaaaacaaa acagat
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L6 ANSWER 205 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB421655 GenBank (R)
GenBank ACC. NO. (GBN): BB421655
GenBank VERSION (VER): BB421655.1 GI:9243010
CAS REGISTRY NO. (RN): 280884-40-4
SEQUENCE LENGTH (SQL): 271
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 16 Jul 2000
DEFINITION (DEF): BB421655 RIKEN full-length enriched, 12 days embryo spinal cord Mus musculus cDNA clone C530027L16 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 84 a 76 c 50 g 61 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.
REFERENCE: 1 (bases 1 to 271)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.; Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.; Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.; Hayashizaki,Y.

TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..271 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="C530027L16"<br>/clone-lib="RIKEN full-length enriched, 12 days embryo spinal cord"<br>/tissue-type="spinal cord"<br>/dev-stage="12 days embryo"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I." |

SEQUENCE (SEQ):
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     1 ctcctaagag atccttcatg tactcactgc aagatctgat atcgcaagtc aagtgcacac
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   121 tgagaatgct tctttcccca ggaccccaga acttgtgaag gacggctcca gagcctactt
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   241 agaagatcac acttcagaaa accaaacaga c
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L6 ANSWER 206 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB315575 GenBank (R)
GenBank ACC. NO. (GBN): BB315575
GenBank VERSION (VER): BB315575.1 GI:9022610
CAS REGISTRY NO. (RN): 278465-83-1
SEQUENCE LENGTH (SQL): 330
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 11 Jul 2000
DEFINITION (DEF): BB315575 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230358M05 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 109 a 88 c 66 g 67 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan

Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki
,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by
trehalose and its application for the synthesis of full length
cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J.,
Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki
,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation
system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303,
19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for
further details.

REFERENCE: 1 (bases 1 to 330)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.; Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.; Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..330 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="B230358M05"<br>/clone-lib="RIKEN full-length enriched, adult male corpora quadrigemina"<br>/sex="male"<br>/tissue-type="corpora quadrigemina"<br>/dev-stage="adult"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. cDNA went through one round of normalization to Rot = 20.0 and subtraction to Rot = 459.0. Second strand cDNA was prepared with the primer adapter |

of sequence [5'
GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC
CCCCCCCCCCC 3']. cDNA was cleaved
with XhoI and BamHI. Vector: a
modified pBluescript KS(+) after
bulk excision from Lambda FLC I."

SEQUENCE (SEQ):
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     1 gatagagcct tctcatctct acccaattac acccaacctg cgcagccaaa gatatctcat
    61 cagggaagca aagatatcca ggctactaga gacaaaatcg aaagtatagt cgaccaaaaa
   121 tccctttgca gatagcccgg accaaaaagg tcatgggatg gatagtgaaa gcagaaatga
   181 gaatgcttct ttccccagga ccccagaact tgtgaaggac ggctccagag cgtacatcac
   241 ctgtgattcc tttagctcac ccaccgagag tactgcagcc aacatttttc cctgtgctag
   301 aagatcacac ttcagaaaac caaacagatg
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L6 ANSWER 207 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB311784 GenBank (R)
GenBank ACC. NO. (GBN): BB311784
GenBank VERSION (VER): BB311784.1 GI:9012489
CAS REGISTRY NO. (RN): 278366-68-0
SEQUENCE LENGTH (SQL): 260
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 10 Jul 2000
DEFINITION (DEF): BB311784 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230328D22 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 87 a 55 c 60 g 58 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.
REFERENCE: 1 (bases 1 to 260)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.;
Yamanaka,I.; Yano,R.H; Yasunishi,A.; Yokota,T.;

Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.;
Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..260 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="B230328D22"<br>/clone-lib="RIKEN full-length enriched, adult male corpora quadrigemina"<br>/sex="male"<br>/tissue-type="corpora quadrigemina"<br>/dev-stage="adult"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. cDNA went through one round of normalization to Rot = 20.0 and subtraction to Rot = 459.0. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I." |

SEQUENCE (SEQ):
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     1 agggatttgc tgcctgcgag aacttatata gtaagtaaaa tggacaaaaa attctttgaa
    61 gatagcctgg agcaaaaagg tcatgggaag gatagtgtaa gcagaaatga gaatgcttct
   121 ttccccagga ccccagaact tgtgaaggac ggctccagag cgtacatcac ctgtgattcc
   181 tttagctcag caaccgagag tactgcagcc aacattttcc cctgtgctag aagatcacac
   241 ttcagaaaac aaaacagatg
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L6 ANSWER 208 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB308914 GenBank (R)
GenBank ACC. NO. (GBN): BB308914
GenBank VERSION (VER): BB308914.1 GI:9009619
CAS REGISTRY NO. (RN): 278337-98-7
SEQUENCE LENGTH (SQL): 277
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 10 Jul 2000
DEFINITION (DEF): BB308914 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230308D01 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus

NUCLEIC ACID COUNT (NA): 91 a  64 c  53 g  69 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.
REFERENCE: 1 (bases 1 to 277)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y; Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.; Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.; Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a; Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.; Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.; Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..277 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="B230308D01"<br>/clone-lib="RIKEN full-length enriched, adult male corpora quadrigemina"<br>/sex="male"<br>/tissue-type="corpora quadrigemina"<br>/dev-stage="adult"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse |

transcriptase and subsequently enriched for full-length by cap-trapper. cDNA went through one round of normalization to Rot = 20.0 and subtraction to Rot = 459.0. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I."

SEQUENCE (SEQ):

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     1 tctgcttgaa ttagtgattt tcttaccctt cctagactta tttatggaaa ctaaactcca
    61 taaccaaatc ttttgagaga aagcctggag caaaaagatc atgcgaagga tagtgaaagc
   121 agaaatgaga atgcttcttt ccccaggacc ccagaacttg tgaaggacgg ctccagagcg
   181 tacatcacct gtgattcctt tagctcagca acccagagta ctgcagcaaa cattttccct
   241 gtgctagaag atcacacttc agaaaacaaa acagatg
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L6 ANSWER 209 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB308371 GenBank (R)
GenBank ACC. NO. (GBN): BB308371
GenBank VERSION (VER): BB308371.1 GI:9009076
CAS REGISTRY NO. (RN): 278332-55-1
SEQUENCE LENGTH (SQL): 225
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 10 Jul 2000
DEFINITION (DEF): BB308371 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230220L17 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 73 a 57 c 44 g 51 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.
REFERENCE: 1 (bases 1 to 225)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; Fukunishi,Y.; Hara,A.; Hayatsu,N.; Hirozane,T.; Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.; Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.; Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.; Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.; Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y.; Ono,T.Y;

Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.;
Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.;
Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.;
Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a;
Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.;
Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.;
Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.;
Hayashizaki,Y.

TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)
JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..225 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="B230220L17"<br>/clone-lib="RIKEN full-length enriched, adult male corpora quadrigemina"<br>/sex="male"<br>/tissue-type="corpora quadrigemina"<br>/dev-stage="adult"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. cDNA went through one round of normalization to Rot = 20.0 and subtraction to Rot = 459.0. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I." |

SEQUENCE (SEQ):

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     1 gtcaactcga caacacatcc tttgaagata ctctgcaccc aaaagttcat gggaaggtta
    61 gtggaaccag aaatgagaat gtttttttcc ccaggacccc agaacttgtg aaggacggct
   121 ccagagcgta catcacctat gattccttta gctcagcaac cgagagtact gcaccaaaca
   181 ttttccctgt gctagaagat cacacttcag aaaacaaaac agatg
```

L6 ANSWER 210 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB307864 GenBank (R)
GenBank ACC. NO. (GBN): BB307864
GenBank VERSION (VER): BB307864.2 GI:16402338
CAS REGISTRY NO. (RN): 278327-48-3
SEQUENCE LENGTH (SQL): 686
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 24 Oct 2001
DEFINITION (DEF): BB307864 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230216M17 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA
sequence

SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 223 a 145 c 138 g 180 t
COMMENT:
On Jul 10, 2000 this sequence version replaced gi:9008569.
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic
Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Shibata,Y., Hayatsu,N., Sugahara,Y., Shibata,K., Itoh
,M., Konno,H., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Normalization and subtraction of cap-trapper-selected cDNAs to
prepare full-length cDNA libraries for rapid discovery of new
genes. Genome Res.. 10 (10), 1617-1630 (2000)
wagi,K., Fujiwake,S., Inoue,K., Togawa,Y., Izawa,M., Ohara,E.,
Watahiki,M., Yoneda,Y., Ishikawa,T., Ozawa,K., Tanaka,T., Matsuura
,S., Kawai,J., Okazaki,Y., Muramatsu,M., Inoue,Y., Kira,A. and
Hayashizaki,Y.
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Konno,H., Fukunishi,Y., Shibata,K., Itoh,M., Carninci,P., Sugahara
,Y. and Hayashizaki,Y.
Computer-based methods for the mouse full-length cDNA
encyclopedia: real-time sequence clustering for construction of a
nonredundant cDNA library. Genome Res.. 11 (2), 281-289 (2001)
Kondo,S., Shinagawa,A., Saito,T., Kiyosawa,H., Yamanaka,I., Aizawa
,K., Fukuda,S., Hara,A., Itoh,M., Kawai,J., Shibata,K. and
Hayashizaki,Y.
Computational Analysis of Full-Length Mouse cDNAs Compared with
Human Genome Sequences Mamm. Genome. 12, 673-677 (2001)
Please visit our web site (http://genome.gsc.riken.go.jp/) for
further details.
cDNA library was prepared and sequenced in Mouse Genome
Encyclopedia Project of Genome Exploration Research Group in Riken
Genomic Sciences Center and Genome Science Laboratory in RIKEN.
Division of Experimental Animal Research in Riken contributed to
prepare mouse tissues.
REFERENCE: 1 (bases 1 to 686)
AUTHOR (AU): Arakawa,T.; Carninci,P.; Fukuda,S.; Furuno,M.;
Hanagaki,T.; Hara,A., Hiramoto,K. ; Hori,F.; Ishii,Y.;
Ito,M.; Kawai,J.; Konno,H.; Kouda,M. ; Koya,S.;
Matsuyama,T.; Miyazaki,A.; Nomura,K.; Ohno,M.;
Okazaki,Y.; Okido,T.; Saito,R.; Sakai,C.; Sakai,K.;
Sano,H.; Sasaki,D.H; Shibata,K.; Shinagawa,A.;
Shiraki,T.; Sogabe,Y.; Suzuki,H.; Tagami,M.; Tagawa,A.;
Takahashi,F.; Takeda,Y.; Tanaka,T.; Toya,T.;
Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Arakawa,T., et al. 2001)
JOURNAL (SO): Unpublished (2001)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..686 | /organism="Mus musculus"<br>/db-xref="taxon:10090"<br>/clone="B230216M17"<br>/clone-lib="RIKEN full-length enriched, adult male corpora quadrigemina"<br>/sex="male"<br>/tissue-type="corpora quadrigemina"<br>/dev-stage="adult"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome |

Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. cDNA went through one round of normalization to Rot = 20.0 and subtraction to Rot = 459.0. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I."

SEQUENCE (SEQ):

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     1 cacaagtttt ggcccaatca tttgaagaaa gctgaaagca attccgtcac cagttttgcc
    61 tgaaattgtt atggaaagcg cccttaaatt tttcctttcc aagcattggt gtttctgtag
   121 cgcagcccag tgcatcccca ctagaagtac cgtttccagt tagttatgac ggtataaagc
   181 ttgagcctga aaatccccca ccatatgaag aagccatgag tgtagcacta aaaacatcgg
   241 actcaaagga agaaattaaa gagcctgaaa gttttaatgc agctgctcag gaagcagaag
   301 ctccttatat atccattgca tgtgatttaa ttaaagaaac aaagctctcc actgagccaa
   361 gtccagagtt ctctaattat tcagaaatag caaaatttga gaagtcggtg cctgatcact
   421 gtgagctcgt ggatgattcc tcacccgaat ctgaaccagt tgacttattt agtgatgatt
   481 caattcctga agtcccacaa acacaagagg aggctgtgat gctaatgaag gagagtctca
   541 ctgaagtgtc tgagacagta acacaacaca aacataagga gagacttagt gcttcacctc
   601 aggaggtagg aaagccatat ttagagtctt ttcagcccaa tttacatatt acaaaagatg
   661 ctgcatctaa tgaaattcca acattg
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L6 ANSWER 211 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB059703 GenBank (R)
GenBank ACC. NO. (GBN): BB059703
GenBank VERSION (VER): BB059703.2 GI:16259832
CAS REGISTRY NO. (RN): 272579-70-1
SEQUENCE LENGTH (SQL): 610
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 18 Oct 2001
DEFINITION (DEF): BB059703 RIKEN full-length enriched, 2 days neonate sympathetic ganglion Mus musculus cDNA clone 7120499M13 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 211 a 106 c 150 g 143 t
COMMENT:
On Jun 11, 2000 this sequence version replaced gi:8466851.
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Shibata,Y., Hayatsu,N., Sugahara,Y., Shibata,K., Itoh ,M., Konno,H., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.

prepare full-length cDNA libraries for rapid discovery of new genes. Genome Res.. 10 (10), 1617-1630 (2000)
Wagi,K., Fujiwake,S., Inoue,K., Togawa,Y., Izawa,M., Ohara,E., Watahiki,M., Yoneda,Y., Ishikawa,T., Ozawa,K., Tanaka,T., Matsuura,S., Kawai,J., Okazaki,Y., Muramatsu,M., Inoue,Y., Kira,A. and Hayashizaki,Y.
RIKEN integrated sequence analysis (RISA) system--384-format sequencing pipeline with 384 multicapillary sequencer. Genome Res.. 10 (11), 1757-1771 (2000)
Konno,H., Fukunishi,Y., Shibata,K., Itoh,M., Carninci,P., Sugahara,Y. and Hayashizaki,Y.
Computer-based methods for the mouse full-length cDNA encyclopedia: real-time sequence clustering for construction of a nonredundant cDNA library. Genome Res.. 11 (2), 281-289 (2001)
Kondo,S., Shinagawa,A., Saito,T., Kiyosawa,H., Yamanaka,I., Aizawa,K., Fukuda,S., Hara,A., Itoh,M., Kawai,J., Shibata,K. and Hayashizaki,Y.
Computational Analysis of Full-Length Mouse cDNAs Compared with Human Genome Sequences Mamm. Genome. 12, 673-677 (2001)
Please visit our web site (http://genome.gsc.riken.go.jp/) for further details.
cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues.

REFERENCE: 1 (bases 1 to 610)
AUTHOR (AU): Arakawa,T.; Carninci,P.; Fukuda,S.; Furuno,M.; Hanagaki,T.; Hara,A., Hiramoto,K. ; Hori,F.; Ishii,Y.; Ito,M.; Kawai,J.; Konno,H.; Kouda,M. ; Koya,S.; Matsuyama,T.; Miyazaki,A.; Nomura,K.; Ohno,M.; Okazaki,Y.; Okido,T.; Saito,R.; Sakai,C.; Sakai,K.; Sano,H.; Sasaki,D.H; Shibata,K.; Shinagawa,A.; Shiraki,T.; Sogabe,Y.; Suzuki,H.; Tagami,M.; Tagawa,A.; Takahashi,F.; Takeda,Y.; Tanaka,T.; Toya,T.; Muramatsu,M.; Hayashizaki,Y.
TITLE (TI): RIKEN Mouse ESTs (Arakawa,T., et al. 2001)
JOURNAL (SO): Unpublished (2001)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..610 | /organism="Mus musculus"<br>/strain="C57BL/6J"<br>/db-xref="taxon:10090"<br>/clone="7120499M13"<br>/clone-lib="RIKEN full-length enriched, 2 days neonate sympathetic ganglion"<br>/sex="mixed"<br>/tissue-type="sympathetic ganglion"<br>/dev-stage="2 days neonate"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC |

CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I. Cloning sites, 5' end: SalI; 3' end: BamHI. Host: DH10B. ~RNA was provided by Akira Nakagawara, Div. of Biochemistry, Chiba Cancer Center Research Institute, 666-2 Nitona, Chuoh-ku, Chiba, 260-8717 Japan, whose assistance we gratefully acknowledge

SEQUENCE (SEQ):

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     1 cacccaatcc atttgtaaat agaaagtcag cagagttttc agtattagaa tactcagaaa
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   121 aggaagaagt aattgtgagg agtaaagaca aagaggattt agtttgtagt gcagcccttc
   181 ataatccaca agagtcacct gcgaccctta ctaaagtggt taaagaagac ggagttatgt
   241 ctccagaaaa gacaatggac atttttaatg aaatgaaaat gtcagtggta gcacctgtga
   301 gggaagagta tgcagatttt aagccatttg aacaagcatg ggaagtgaaa gatacttatg
   361 agggaagtag ggatgtgctg gctgctagag ctaatatgga aagtaaagtg gacaaaaaat
   421 gctttgaaga tagcctggag caaaaaggtc atgggaagga tagtgaaagc agaaatgaga
   481 atgcttcttt ccccaggacc ccagaacttg tgaaggacgg ctccagagag tacatcacct
   541 gtgattcctt tagctcagca accgagagta ctgcagcaaa cattttccct gtgctagaag
   601 atcacacttc
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L6 ANSWER 212 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BB059114 GenBank (R)
GenBank ACC. NO. (GBN): BB059114
GenBank VERSION (VER): BB059114.1 GI:8466262
CAS REGISTRY NO. (RN): 272573-81-6
SEQUENCE LENGTH (SQL): 293
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Expressed sequence tag
DATE (DATE): 1 Aug 2000
DEFINITION (DEF): BB059114 RIKEN full-length enriched, 2 days neonate sympathetic ganglion Mus musculus cDNA clone 7120487021 3' similar to AJ242961 Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** , mRNA sequence.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 89 a 89 c 50 g 65 t
COMMENT:
Contact: Yoshihide Hayashizaki
Laboratory for Genome Exploration Research Group, RIKEN Genomic Sciences Center(GSC), Yokohama Institute
The Institute of Physical and Chemical Research (RIKEN)
1-7-22 Suehiro-cho, Tsurumi-ku, Yokohama, Kanagawa 230-0045, Japan
Tel: 81-45-503-9222
Fax: 81-45-503-9216
Email: genome-res@gsc.riken.go.jp,
URL:http://genome.gsc.riken.go.jp/
Carninci,P., Nishiyama,Y., Westover,A., Itoh,M., Nagaoka,S., Sasaki ,N., Okazaki,Y., Muramatsu,M. and Hayashizaki,Y.
Thermostabilization and thermoactivation of thermolabile enzymes by trehalose and its application for the synthesis of full length cDNA. Proc. Natl. Acad. Sci. U.S.A. 95 (2), 520-524 (1998)
Itoh,M., Kitsunai,T., Akiyama,J., Shibata,K., Izawa,M., Kawai,J., Tomaru,Y., Carninci,P., Shibata,Y., Ozawa,Y., Muramatsu,M., Okazaki ,Y. and Hayashizaki,Y.
Automated filtration-based high-throughput plasmid preparation system. Genome Res. 9 (5), 463-470 (1999)
Carninci,P. and Hayashizaki,Y.
High-efficiency full-length cDNA cloning. Methods Enzymol. 303, 19-44 (1999)
Please visit our web site (http://genome.rtc.riken.go.jp) for further details.
REFERENCE: 1 (bases 1 to 293)
AUTHOR (AU): Konno,H.; Aizawa,K.; Akahira,S.; Akiyama,J.; Arakawa,T.; Carninci,P. ; Endo,T.; Fukuda,S.; [illegible]

Hori,F.; Ishii,Y.; Ishikawa,J.; Ishikawa,T.; Itoh,M.;
Izawa,M.; Kadota,K.; Kagawa,I.; Kai,C.; Kawai,J.;
Kikuchi,N.; Kiyosawa,H.; Kojima,Y.; Kondo,S.; Koya,S.;
Kurihara,C.; Kusakabe,M., Matsuyama,T. ; Miki,R.;
Mizuno,Y.; Nakamura,M.; Oda,H.; Okazaki,Y., Ono,T.y;
Owa,C.; Saito,H.; Sakai,C.; Sato,K.; Shibata,K.;
Shibata,Y.,; Shigemoto,Y.; Shinagawa,A.; Shiraki,T.;
Sogabe,Y.; Sugahara,Y., Suzuki,H.,; Suzuki,H.;
Tagawa,A.; Takahashi,F.; Tominaga,N.; Toya,T.a;
Tsunoda,Y.; Watahiki,A.; Watanabe,S.; Yamamura,T.;
Yamanaka,I., Yano,R.H; Yasunishi,A.; Yokota,T.;
Yoshida,K.; Yoshiki,A.; Yoshino,M..; Muramatsu,M.;
Hayashizaki,Y.

TITLE (TI): RIKEN Mouse ESTs (Konno,H., et al.)

JOURNAL (SO): Unpublished (2000)

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
|---|---|---|
| source | 1..293 | /organism="Mus musculus"<br>/strain="C57BL/6J"<br>/db-xref="taxon:10090"<br>/clone="7120487O21"<br>/clone-lib="RIKEN full-length enriched, 2 days neonate sympathetic ganglion"<br>/sex="mixed"<br>/tissue-type="sympathetic ganglion"<br>/dev-stage="2 days neonate"<br>/lab-host="DH10B"<br>/note="Site-1: SalI; Site-2: BamHI; cDNA library was prepared and sequenced in Mouse Genome Encyclopedia Project of Genome Exploration Research Group in Riken Genomic Sciences Center and Genome Science Laboratory in RIKEN. Division of Experimental Animal Research in Riken contributed to prepare mouse tissues. 1st strand cDNA was primed with a primer [5' GAGAGAGAGAAGGATCCAAGAGCTCTTTTTTTTT TTTTTTTVN 3'], cDNA was prepared by using trehalose thermo-activated reverse transcriptase and subsequently enriched for full-length by cap-trapper. Second strand cDNA was prepared with the primer adapter of sequence [5' GAGAGAGAGATTCTCGAGTTAATTAAATTAATCC CCCCCCCCCCC 3']. cDNA was cleaved with XhoI and BamHI. Vector: a modified pBluescript KS(+) after bulk excision from Lambda FLC I. Cloning sites, 5' end: SalI; 3' end: BamHI. Host: DH10B. ~RNA was provided by Akira Nakagawara, Div. of Biochemistry, Chiba Cancer Center Research Institute, 666-2 Nitona, Chuoh-ku, Chiba, 260-8717 Japan, whose assistance we gratefully acknowledge |

SEQUENCE (SEQ):

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     1 aacacaccaa atctcacaag taatttctga cgggactacc gacctcctca ctgctagacc
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   121 gaacgatatt gcaagcagaa atgagaatcc ttctttcccc aggaccccag cacttttgaa
   181 ggacggctcc agaccgtaca tcacctgtga ttcctttagc tcaccaaccg agagtactgc
   241 accaaacatt ttccctgtgc tagaagatca cacttcagaa aacaaaacag atg
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L6 ANSWER 213 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): RNO242963 GenBank (R)

GenBank ACC. NO. (GBN): AJ242963
GenBank VERSION (VER): AJ242963.1 GI:6822250
CAS REGISTRY NO. (RN): 392111-55-6
SEQUENCE LENGTH (SQL): 1568
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 28 Jan 2000
DEFINITION (DEF): Rattus norvegicus mRNA for ***Nogo*** - ***C*** ***protein*** .
SOURCE: Norway rat.
ORGANISM (ORGN): Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus
NUCLEIC ACID COUNT (NA): 435 a 274 c 375 g 484 t
COMMENT:
Related sequences: AJ242961-2.
REFERENCE: 1 (bases 1 to 1568)
AUTHOR (AU): Chen,M.S.; Huber,A.B.; van der Haar,M.E.; Frank,M.; Schnell,L.; Spillmann,A.A.; Christ,F.; Schwab,M.E.
TITLE (TI): ***Nogo*** - ***A*** is a myelin-associated neurite outgrowth inhibitor and an antigen for monoclonal antibody IN-1
JOURNAL (SO): Nature, 403 (6768), 434-439 (2000)
OTHER SOURCE (OS): CA 132:277085
REFERENCE: 2 (bases 1 to 1568)
AUTHOR (AU): Van der Haar,M.E.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (14-JUN-1999) Van der Haar M.E., Department of Neuromorphology, Brain Research Institute, University of Zurich, Winterthurerstrasse 190, Zurich, CH-8057, SWITZERLAND

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..1568 | /organism="Rattus norvegicus"<br>/db-xref="taxon:10116" |
| gene | 118..717 | /gene="nogo-C" |
| CDS | 118..717 | /gene="nogo-C"<br>/function="unknown"<br>/note="The nogo gene encodes different transcripts. Nogo-A en -C have a unique 5' end but share the same 3' end"<br>/codon-start=1<br>/product="Nogo-C protein"<br>/protein-id="CAB71029.1"<br>/db-xref="GI:6822251"<br>/translation="MDGQKKHWKDKVVDLLYWRD IKKTGVVFGASLFLLLSLTVFSIV SVTAYIALALLSVTISFRIYKGVIQAIQKSDEGH PFRAYLESEVAISEELVQKYSNSA LGHVNSTIKELRRLFLVDDLVDSLKFAVLMWVFT YVGALFNGLTLLILALISLFSIPV IYERHQVQIDHYLGLANKSVKDAMAKIQAKIPGL KRKAD" |

SEQUENCE (SEQ):

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 121 gacggacaga agaaacattg gaaggacaag gttgttgacc tcctctactg gagagacatt
 181 aagaagactg gagtggtgtt tggtgccagc ttattcctgc tgctgtctct gacagtgttc
 241 agcattgtca gtgtaacggc ctacattgcc ttggccctgc tctcggtgac tatcagcttt
 301 aggatatata agggcgtgat ccaggctatc cagaaatcag atgaaggcca cccattcagg
 361 gcatatttag aatctgaagt tgctatatca gaggaattgg ttcagaaata cagtaattct
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 601 tatgaacggc atcaggtgca gatagatcat tatctaggac ttgcaaacaa gagtgttaag
 661 gatgccatgg ccaaaatcca agcaaaaatc cctggattga agcgcaaagc agattgaaaa
 721 agccccaaac agaagttcat ctttaaaggg gacactcact tgattacggg ggtgggaggt
 781 caggggtgag cccttggtgg ccgtgcggtt tcagctcttt atttttagca gtgcactgtt
 841 tgaggaaaaa ttacctgtct tgacttcctg tgtttatcat cttaagtatt gtaagctgct
 901 gtgtatggat ctcattgtag tcacacttgt cttccccaat gaggcgcctg gtgaataaag
 961 gactcgggga aagctgtgca ttgtatctgc tgcagggtag tctagctgta tgcagagagt
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  1141 agcagagtgg aaaactctgt ctttatggtg tgttctaggt gtattgtgaa tttactgtta
  1201 tattgccaat ataagtaaat atagacctaa tctatatata gtgtttcaca aagcttagat
  1261 ctttaacctt gcagctgccc cacagtgctt gacctctgag tcattggtta tgcagtgtag
  1321 tcccaagcac ataaactagg aagagaaatg tatttgtagg agtgctacct accacctgtt
  1381 ttcaagaaaa tatagaactc caacaaaaat atagaatgtc atttcaaaga cttactgtat
  1441 gtatagttaa ttttgtcaca gactctgaaa ttctatggac tgaatttcat gcttccaaat
  1501 gtttgcagtt atcaaacatt gttatgcaag aaatcataaa atgaagactt ataccattgt
  1561 ggtttaag
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L6 ANSWER 214 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): RNO242962 GenBank (R)
GenBank ACC. NO. (GBN): AJ242962
GenBank VERSION (VER): AJ242962.1 GI:6822248
CAS REGISTRY NO. (RN): 254417-80-6
SEQUENCE LENGTH (SQL): 2156
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 28 Jan 2000
DEFINITION (DEF): Rattus norvegicus mRNA for ***Nogo*** - ***B*** ***protein*** .
SOURCE: Norway rat.
ORGANISM (ORGN): Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus
NUCLEIC ACID COUNT (NA): 508 a 542 c 571 g 534 t 1 others
COMMENT:
Related sequence: AJ242961.
REFERENCE: 1 (bases 1 to 2156)
AUTHOR (AU): Chen,M.S.; Huber,A.B.; van der Haar,M.E.; Frank,M.; Schnell,L.; Spillmann,A.A.; Christ,F.; Schwab,M.E.
TITLE (TI): ***Nogo*** - ***A*** is a myelin-associated neurite outgrowth inhibitor and an antigen for monoclonal antibody IN-1
JOURNAL (SO): Nature, 403 (6768), 434-439 (2000)
OTHER SOURCE (OS): CA 132:277085
REFERENCE: 2 (bases 1 to 2156)
AUTHOR (AU): Van der Haar,M.E.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (14-JUN-1999) Van der Haar M.E., Department of Neuromorphology, Brain Research Institute, University of Zurich, Winterthurerstrasse 190, Zurich, CH-8057, SWITZERLAND

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..2156 | /organism="Rattus norvegicus"<br>/db-xref="taxon:10116" |
| gene | 189..1271 | /gene="nogo-B" |
| CDS | 189..1271 | /gene="nogo-B"<br>/function="unknown"<br>/note="splice variant of nogo-A"<br>/codon-start=1<br>/product="Nogo-B protein"<br>/protein-id="CAB71028.1"<br>/db-xref="GI:6822249"<br>/translation="MEDIDQSSLVSSSTDSPPRP<br>PPAFKYQFVTEPEDEEDEEEEEDE<br>EEDDEDLEELEVLERKPAAGLSAAAVPPAAAAPL<br>LDFSSDSVPPAPRGPLPAAPPAAP<br>ERQPSWERSPAAPAPSLPPAAAVLPSKLPEDDEP<br>PARPPPPPPAGASPLAEPAAPPST<br>PAAPKRRGSGSVVVDLLYWRDIKKTGVVFGASLF<br>LLLSLTVFSIVSVTAYIALALLSV<br>TISFRIYKGVIQAIQKSDEGHPFRAYLESEVAIS<br>EELVQKYSNSALGHVNSTIKELRR<br>LFLVDDLVDSLKFAVLMWVFTYVGALFNGLTLLI<br>LALISLFSIPVIYERHQVQIDHYL<br>GLANKSVKDAMAKIQAKIPGLKRKAD" |

SEQUENCE (SEQ):

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   181 cgccagccat ggaagacata gaccagtcgt cgctggtctc ctcgtccacg gacagcccgc
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   541 ccctgccgcc cgctgccgca gtcctgccct ccaagctccc agaggacgac gagcctccgg
   601 cgaggccccc gcctccgccg ccagccggcg cgagcccccc ggcggagccc gccgcgcccc
   661 cttccacgcc ggccgcgccc aagcgcaggg gctccggctc agtggttgtt gacctcctct
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   901 gccacccatt cagggcatat ttagaatctg aagttgctat atcagaggaa ttggttcaga
   961 aatacagtaa ttctgctctt ggtcatgtga acagcacaat aaaagaactg aggcggcttt
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  1201 acaagagtgt taaggatgcc atggccaaaa tccaagcaaa aatccctgga ttgaagcgca
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  1321 cgggggtggg agggtcaggg gtgagccctt ggtggccgtg cggtttcagc tctttatttt
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  1621 gtactgtgtt tggtcagtgt aaaactgatg cagatttttc tgaaatgaaa tgtttagatg
  1681 agagcatact actaaagcag agtggaaaac tctgtcttta tggtgtgttc taggtgtatt
  1741 gtgaatttac tgttatattg ccaatataag taaatataga cctaatctat atatagtgtt
  1801 tcacaaagct tagatcttaa accttgcagc tgccccacag tgctngacct ctgagtcatt
  1861 ggttatgcag tgtagtccca agcacataaa ctaggaagag aaatgtattt gtaggagtgc
  1921 tacctaccac ctgttttcaa gaaaatatag aactccaaca aaaatataga atgtcatttc
  1981 aaagacttac tgtatgtata gttaattttg tcacagactc tgaaattcta tggactgaat
  2041 ttcatgcttc caaatgtttg cagttatcaa acattgttat gcaagaaatc ataaaatgaa
  2101 gacttatacc attgtggttt aagccgtact gaattatctg tggaatgcat tgtgaa
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L6 ANSWER 215 OF 245 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): RNO242961 GenBank (R)
GenBank ACC. NO. (GBN): AJ242961
GenBank VERSION (VER): AJ242961.1 GI:6822246
CAS REGISTRY NO. (RN): 392111-54-5
SEQUENCE LENGTH (SQL): 4684
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 28 Jan 2000
DEFINITION (DEF): Rattus norvegicus mRNA for ***Nogo*** - ***A*** ***protein*** .
SOURCE: Norway rat.
ORGANISM (ORGN): Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus
NUCLEIC ACID COUNT (NA): 1358 a 1047 c 1112 g 1167 t
REFERENCE: 1 (bases 1 to 4684)
AUTHOR (AU): Chen,M.S.; Huber,A.B.; van der Haar,M.E.; Frank,M.; Schnell,L.; Spillmann,A.A.; Christ,F.; Schwab,M.E.
TITLE (TI): ***Nogo*** - ***A*** is a myelin-associated neurite outgrowth inhibitor and an antigen for monoclonal antibody IN-1
JOURNAL (SO): Nature, 403 (6768), 434-439 (2000)
OTHER SOURCE (OS): CA 132:277085
REFERENCE: 2 (bases 1 to 4684)
AUTHOR (AU): Van der Haar,M.E.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (14-JUN-1999) Van der Haar M.E., Department of Neuromorphology, Brain Research Institute, University of Zurich, Winterthurerstrasse 190, Zurich, CH-8057, SWITZERLAND

FEATURES (FEAT):

| Feature Key | Location | Qualifier |
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| source | 1..4684 | /organism="Rattus norvegicus" |
| | | /db-xref="taxon:10116" |
| gene | 253..3744 | /gene="nogo-A" |

CDS 253..3744

/gene="nogo-A"
/function="Neurite outgrowth inhibition"
/codon-start=1
/product="Nogo-A protein"
/protein-id="CAB71027.1"
/db-xref="GI:6822247"
/translation="MEDIDQSSLVSSSTDSPPRP
PPAFKYQFVTEPEDEEDEEEEEDE
EEDDEDLEELEVLERKPAAGLSAAAVPPAAAAPL
LDFSSDSVPPAPRGPLPAAPPAAP
ERQPSWERSPAAPAPSLPPAAAVLPSKLPEDDEP
PARPPPPPPAGASPLAEPAAPPST
PAAPKRRGSGSVDETLFALPAASEPVIPSSAEKI
MDLMEQPGNTVSSGQEDFPSVLLE
TAASLPSLSPLSTVSFKEHGYLGNLSAVSSSEGT
IEETLNEASKELPERATNPFVNRD
LAEFSELEYSEMGSSFKGSPKGESAILVENTKEE
VIVRSKDKEDLVCSAALHSPQESP
VGKEDRVVSPEKTMDIFNEMQMSVVAPVREEYAD
FKPFEQAWEVKDTYEGSRDVLAAR
ANVESKVDRKCLEDSLEQKSLGKDSEGRNEDASF
PSTPEPVKDSSRAYITCASFTSAT
ESTTANTFPLLEDHTSENKTDEKKIEERKAQIIT
EKTSPKTSNPFLVAVQDSEADYVT
TDTLSKVTEAAVSNMPEGLTPDLVQEACESELNE
ATGTKIAYETKVDLVQTSEAIQES
LYPTAQLCPSFEEAEATPSPVLPDIVMEAPLNSL
LPSAGASVVQPSVSPLEAPPPVSY
DSIKLEPENPPPYEEAMNVALKALGTKEGIKEPE
SFNAAVQETEAPYISIACDLIKET
KLSTEPSPDFSNYSEIAKFEKSVPEHAELVEDSS
PESEPVDLFSDDSIPEVPQTQEEA
VMLMKESLTEVSETVAQHKEERLSASPQELGKPY
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KEKISLQMEEFNTAIYSNDDLLSSKEDKIKESET
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KTSVVDLLYWRDIKKTGVVFGASLFLLLSLTVFS
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SEQUENCE (SEQ):

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   301 ccgccccggc ctccgcccgc cttcaagtac cagttcgtga cggagcccga ggacgaggag
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2281 gatttaatta aagaaacaaa gctctccact gagccaagtc cagatttctc taattattca
2341 gaaatagcaa aattcgagaa gtcggtgccc gaacacgctg agctagtgga ggattcctca
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2461 caagaggagg ctgtgatgct catgaaggag agtctcactg aagtgtctga gacagtagcc
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4381 ttgtaggagt gctacctacc acctgttttc aagaaaatat agaactccaa caaaaatata
4441 gaatgtcatt tcaaagactt actgtatgta tagttaattt tgtcacagac tctgaaattc
4501 tatggactga atttcatgct tccaaatgtt tgcagttatc aaacattgtt atgcaagaaa
4561 tcataaaatg aagacttata ccattgtggt ttaagccgta ctgaattatc tgtggaatgc
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4681 aaaa

L6 ANSWER 216 OF 245 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10441841 IFIPAT;IFIUDB;IFICDB
TI NOVEL HUMAN LEUCINE-RICH REPEAT DOMAIN CONTAINING ***PROTEIN*** , HLLRCR-1
IN Feder John N; Mintier Gabriel; Ramanathan Chandra S
PA Unassigned Or Assigned To Individual (68000)
PI US 2003186267 A1 20031002
AI US 2002-271078 20021011
PRAI US 2001-328478P 20011011 (Provisional)
FI US 2003186267 20031002
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 20
GI 10 Figure(s).
FIGS. 1A-C show the polynucleotide sequence (SEQ ID NO:1) and deduced amino acid sequence (SEQ ID NO:2) of the novel human leucine-rich repeat containing ***protein*** , HLLRCR-1, of the present invention. The standard one-letter abbreviation for amino acids is used to illustrate the deduced amino acid sequence. The polynucleotide sequence contains a sequence of 1874 nucleotides (SEQ ID NO:1), encoding a polypeptide of 592 amino acids (SEQ ID NO:2). An analysis of the HLLRCR-1 polypeptide

determined that it comprised the following features: a predicted transmembrane domain located from about amino acid 291 to about amino acid 312 of SEQ ID NO:2 represented by double underlining; six conserved leucine rich repeat domains located from about amino acid 58 to about amino acid 81, from about amino acid 82 to about amino acid 107, from about amino acid 108 to about amino acid 131, from about amino acid 132 to about amino acid 155, from about amino acid 158 to about amino acid 181, and/or from about amino acid 182 to about amino acid 204 of SEQ ID NO:2 represented by light shading; and a conserved leucine-rich repeat C-terminal domain located from about amino acid 214 to about amino acid 270 of SEQ ID NO:2 represented by dark shading; conserved cysteine residues located at amino acid 11, 217, 219, 247, 307 and/or 425 of SEQ ID NO:2 represented in bold; and conserved leucine residues located at amino acid 4, 25, 37, 45, 55, 58, 61, 63, 87, 97, 106, 108, 111, 113, 122, 132, 135, 137, 146, 155, 158, 161, 163, 179, 192, 187, 192, 203, 206, 208, 210, 225, 228, 264, 277, 306, 317, 357, 402, 419, 439, 451, 454, 465, 490, 495, and/or 499 of SEQ ID NO:2 represented by single underlining. The conserved leucine residues are characteristic of leucine-rich repeat ***proteins*** as described more particularly elsewhere herein. The conserved cysteine residues are diagnostic of conserved structural features of the ***protein*** to leucine-rich repeat containing ***proteins*** (particularly those referenced herein), and may be indicative of conserved ***protein*** function.

FIGS. 2A-C show the regions of identity between the encoded HLLRCR-1 ***protein*** (SEQ ID NO:2) to other leucine-rich repeat ***proteins*** , specifically, the human ***NoGo*** receptor ***protein*** (Human_NOGOR; Genbank Accession No:gi vert-bar 13647496; SEQ ID NO:6); the mouse ***NoGo*** receptor ***protein*** (Mouse_NogoR; Genbank Accession No:gi vert-bar 12407651; SEQ ID NO:8); the crabeating macaque brain ***protein*** 1 (Macaca_brainprotein1; Genbank Accession No:gi vert-bar 12698137; SEQ ID NO:5); the crabeating macaque brain ***protein*** 2 (Macaca_brainprotein2; Genbank Accession No:gi vert-bar 9280025; SEQ ID NO:7); the Drosophila CG7509 ***protein*** (Fly_CG7509; Genbank Accession No:gi vert-bar 7292539; SEQ ID NO:9); and the mouse orphan G ***protein*** -coupled receptor FEX ***protein*** (mouse_GPCRFEX; Genbank Accession No:gi vert-bar 6753842; SEQ ID NO:10). The alignment was performed using the CLUSTALW algorithm described elsewhere herein. Lines between residues indicate gapped regions of non-identity for the aligned polypeptides, asterisks below the aligned polypeptides indicate identical amino acids for all of the aligned polypeptides, double dots indicate identical amino aicds for less than all of the aligned polypeptides, and single dots indicate similar amino acid residues. The conserved leucine residues between HLLRCR-1 and the other leucine-rich repeat containing ***proteins*** are noted.

FIG. 3 shows the regions of local identity and similarity between the encoded HLLRCR-1 ***protein*** (SEQ ID NO:2) to the human Pfam Leucine rich repeat C-terminal domain consensus sequence (LRRCT; Pfam Accession No: PF01463). The query ("Q") sequence represents the local matching sequence of the HLLRCR-1 ***protein*** (SEQ ID NO:2), whereas the target ("T") represents the human Pfam Leucine rich repeat C-terminal domain consensus sequence. The alignment was performed using the BLAST2 algorithm according to default parameters (SF Altschul, et al., Nucleic Acids Res 25:3389-3402, 1997). The amino acids between the query and target sequences represent matching identical amino acids between the two sequences. Plus signs ("+") between the query and target sequences represent similar amino acids between the two sequences. Dots ("*") between the query and target sequences indicate regions of non-identity for the aligned polypeptides. The conserved leucines between HLLRCR-1 and the consensus Leucine rich repeat C-terminal domain polypeptide sequence are noted and described herein.

FIG. 4 shows the regions of local identity and similarity between the encoded HLLRCR-1 ***protein*** (SEQ ID NO:2) to the human Pfam Leucine Rich Repeat consensus sequence (LRR; Pfam Accession No: PF00560). The query ("Q") sequence represents the local matching sequence of the HLLRCR-1 ***protein*** (SEQ ID NO:2), whereas the target ("T") represents the human Pfam LRR consensus sequence. The alignment was performed using the BLAST2 algorithm according to default parameters (SF Altschul, et al., Nucleic Acids Res 25:3389-3402, 1997). The amino acids between the query and target sequences represent matching identical amino acids between the two sequences. Plus signs ("+") between the query and target sequences represent similar amino acids between the two sequences. Dots ("*") between the query and target sequences indicate regions of non-identity for the aligned polypeptides. The conserved leucines between HLLRCR1 and the consensus LRR polypeptide sequence are noted and described herein.

FIG. 5 shows an expression profile of the novel leucine-rich repeat containing ***protein*** , HLLRCR-1. The figure illustrates the relative expression level of HLLRCR-1 amongst various mRNA tissue sources. As shown, transcripts corresponding to HLLRCR-1 expressed predominately high in the heart; significantly in testis; and to a lesser extent, in brain, spinal cord, and brain subregions. Expression data was obtained by measuring the steady state HLLRCR-1 mRNA levels by quantitative PCR using the PCR primer pair provided as SEQ ID NO:20 and 21 as described herein. Brain subregion abbreviations are as follows: A=amygdala; C=cerebellum; CC=corpus callosum; CN=caudate nucleus; H=hippocampus; SN=substantia nigra; and T=thalamus.

FIG. 6 shows a table illustrating the percent identity and percent similarity values between the full-length HLLRCR-1 polypeptide of the present invention with other leucine-rich repeat containing ***proteins*** , specifically, the human ***NoGo*** receptor ***protein*** (Human_NOGOR; Genbank Accession No:gi vert-bar 13647496; SEQ ID NO:6); the mouse ***NoGo*** receptor ***protein*** (Mouse_NogoR; Genbank Accession No:gi vert-bar 12407651; SEQ ID NO:8); the crab-eating macaque brain ***protein*** 1 (Macaca_brainprotein1; Genbank Accession No:gi vert-bar 12698137; SEQ ID NO:5); the crab-eating macaque brain ***protein*** 2 (Macaca_brainprotein2; Genbank Accession No:gi vert-bar 9280025; SEQ ID NO:7); the Drosophila CG7509 ***protein*** (Fly_CG7509; Genbank Accession No:gi vert-bar 7292539; SEQ ID NO:9); and the mouse orphan G ***protein*** -coupled receptor FEX ***protein*** (mouse_GPCRFEX; Genbank Accession No:gi vert-bar 6753842; SEQ ID NO:10). The percent identity and percent similarity values were determined using the BLAST algorithm using default parameters (S F Altschul, T L Madden, A A Schaffer, J Zhang, Z Zhang, W Miller, D J Lipman. Gapped BLAST and PSI-BLAST: a new generation of ***protein*** database search programs. Nucleic Acids Res 25:3389-3402, 1997).

FIG. 7 shows the polynucleotide and polypeptide sequence of a portion of human bac AL139285. The polynucleotide sequence of bac AL139285 (SEQ ID NO:45) was used to design oligonucleotide primers to clone the human HLRRCR-1 gene of the present invention, as described elsewhere herein.

FIG. 8 shows an expanded expression profile of the novel human Gprotein coupled receptor, HLRRCR-1, of the present invention. The figure illustrates the relative expression level of HLRRCR1 amongst mRNA isolated from a number of cancer cell lines. As shown, the HLRRCR-1 polypeptide was expressed predominately in several lung cancer cell lines, significantly in a colon tumor cell lines, and to a lesser extent in other human tumor cell lines as shown. The results suggest HLRRCR-1 may be diagnostic of transformed phenotypes of the lung and colon cancers. Expression data was obtained by measuring the steady state HLRRCR-1 mRNA levels by quantitative PCR using the PCR primer pair provided as SEQ ID NO:89 and 90 as described in Example 5 herein.

FIG. 9 shows an expanded expression profile of the novel human Gprotein coupled receptor, HLRRCR-1. The figure illustrates the relative expression level of HLRRCR-1 amongst various mRNA tissue sources isolated from normal tissues. As shown, the HLRRCR-1 polypeptide was expressed predominately in hippocampus and throughout the cortex of the brain. HLRRCR-1 was also significant expressed in the left ventricle of the heart, the DRG, and to a lesser extent in other tissues as shown. Expression data was obtained by measuring the steady state HLRRCR-1 mRNA levels by quantitative PCR using the PCR primer pair provided as SEQ ID NO:94 and 95, and Taqman probe (SEQ ID NO:96) as described in Example 6 herein.

FIG. 10 shows an expanded expression profile of the novel human G-***protein*** coupled receptor, HLRRCR-1, of the present invention. The figure illustrates the relative expression level of HLRRCR1 amongst various mRNA tissue sources isolated from normal and tumor tissues. As shown, the HLRRCR-1 polypeptide was differentially expressed in Parkinson's substantia nigra tissue compared to each respective normal tissue. Expression data was obtained by measuring the steady state HLRRCR-1 mRNA levels by quantitative PCR using the PCR primer pair provided as SEQ ID NO:94 and 95, and Taqman probe (SEQ ID NO:96) as described in Example 6 herein.

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AN 10380284 IFIPAT;IFIUDB;IFICDB
TI ***NOGO*** RECEPTOR HOMOLOGS
IN Cate Richard L; Sah Dinah W Y; Strittmatter Stephen M
PA Unassigned Or Assigned To Individual (68000)
PI US 2003124704 A1 20030703
AI US 2001-972546 20011006
PRAI US 2000-238361P 20001006 (Provisional)
FI US 2003124704 20030703

DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 30
GI 3 Figure(s).
FIGS. 1A-1B shows an alignment of NgR2 (SEQ ID NO:2) and NgR3 (SEQ ID NO:4) with the known NgR, NgR1 (SEQ ID NO:5) and the Consensus Sequence (SEQ ID NO:6).
FIG. 2. mNgR3 does not bind hNogoA(1055-1120). COS-7 cells were transfected with vectors encoding myc-NgR1 or myc-NgR3, fixed, and stained with anti-myc antibodies or AP-hNogoA(1055-1120).
FIG. 3. An alignment of the amino acid sequences of human NgR1, murine NgR1, murine NgR3, human NgR3 and human NgR2. Numbering begins with amino acid #1 of murine NgR3. The consensus sequence is listed below. The LRR NT domain is indicated by a shaded box; domains LLR 1, LLR 3, LLR 5, and LLR 7 are indicated by open boxes; LLR 2, LLR 4, LLR 6 and LLR 8 are indicated by shaded boxes; and the LLR CT domain is indicated by a shaded box. Amino acids in bold in LLR 8 indicate a conserved glycosylation sites. A dot indicates conserved cystine residue in LRR4. Box at C terminus indicates putative GPI signals.

L6 ANSWER 218 OF 245 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10316198 IFIPAT;IFIUDB;IFICDB
TI METHOD AND REAGENT FOR THE INHIBITION OF ***NOGO*** GENE
IN Blatt Lawrence; Chowrira Bharat M; Haeberli Peter; McSwiggen James
PA Unassigned Or Assigned To Individual (68000)
PI US 2003060611 A1 20030327
AI US 2001-780533 20010209
PRAI US 2000-181797P 20000211 (Provisional)
FI US 2003060611 20030327
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 55
GI 5 Figure(s).
FIG. 1 shows the secondary structure model for seven different classes of enzymatic nucleic acid molecules. Arrow indicates the site of cleavage.-indicate the target sequence. Lines interspersed with dots are meant to indicate tertiary interactions.-is meant to indicate base-paired interaction. Group I Intron: P1-P9.0 represent various stem-loop structures (Cech et al., 1994, Nature Struc. Bio., 1, 273). RNase P (M1RNA) : EGS represents external guide sequence (Forster et al., 1990, Science, 249, 783; Pace et al., 1990, J. Biol. Chem., 265, 3587) . Group II Intron: 5'SS means 5' splice site; 3'SS means 3'splice site; IBS means intron binding site; EBS means exon binding site (Pyle et al, 1994, Biochemistry, 33, 2716). VS RNA: I-VI are meant to indicate six stem-loop structures; shaded regions are meant to indicate tertiary interaction (Collins, International PCT Publication No. WO 96/19577). HDV Ribozyme: : I-IV are meant to indicate four stem-loop structures (Been et al., U.S. Pat. No. 5,625,047). Hammerhead Ribozyme: : I-III are meant to indicate three stem-loop structures; stems I-III can be of any length and may be symmetrical or asymmetrical (Usman et al., 1996, Curr. Op. Struct. Bio., 1, 527). Hairpin Ribozyme: Helix 1, 4 and 5 can be of any length; Helix 2 is between 3 and 8 base-pairs long; Y is a pyrimidine; Helix 2 (H2) is provided with a least 4 base pairs (i.e., n is 1, 2, 3 or 4) and helix 5 can be optionally provided of length 2 or more bases (preferably 3-20 bases, i.e., m is from 1-20 or more). Helix 2 and helix 5 may be covalently linked by one or more bases (i.e., r is greater-double-equals 1 base). Helix 1, 4 or 5 may also be extended by 2 or more base pairs (e.g., 4-20 base pairs) to stabilize the ribozyme structure, and preferably is a ***protein*** binding site. In each instance, each N and N' independently is any normal or modified base and each dash represents a potential base-pairing interaction. These nucleotides may be modified at the sugar, base or phosphate. Complete base-pairing is not required in the helices, but is preferred. Helix 1 and 4 can be of any size (i. e., o and p is each independently from 0 to any number, e.g., 20) as long as some base-pairing is maintained. Essential bases are shown as specific bases in the structure, but those in the art will recognize that one or more may be modified chemically (abasic, base, sugar and/or phosphate modifications) or replaced with another base without significant effect. Helix 4 can be formed from two separate molecules, i.e., without a connecting loop. The connecting loop when present may be a ribonucleotide with or without modifications to its base, sugar or phosphate. "q" greater-double-equals is 2 bases. The connecting loop can also be replaced with a non-nucleotide linker molecule. H refers to bases A, U, or C. Y refers to pyrimidine bases. "_____" refers to a covalent

bond. (Burke et al., 1996, Nucleic Acids & Mol. Biol., 10, 129; Chowrira et al., U.S. Pat. No. 5,631,359).

FIG. 2 shows examples of chemically stabilized ribozyme motifs. HH Rz, represents hammerhead ribozyme motif (Usman et al., 1996, Curr. Op. Struct. Bio., 1, 527); NCH Rz represents the NCH ribozyme motif (Ludwig & Sproat, International PCT Publication No. WO 98/58058); G-Cleaver, represents G-cleaver ribozyme motif (Kore et al., 1998, Nucleic Acids Research 26, 4116-4120, Eckstein et al., International PCT publication No. WO 99/16871). N or n, represent independently a nucleotide which may be same or different and have complementarity to each other; rI, represents ribo-Inosine nucleotide; arrow indicates the site of cleavage within the target. Position 4 of the HH Rz and the NCH Rz is shown as having 2'-C-allyl modification, but those skilled in the art will recognize that this position can be modified with other modifications well known in the art, so long as such modifications do not significantly inhibit the activity of the ribozyme.

FIG. 3 shows an example of the Amberzyme ribozyme motif that is chemically stabilized (see for example Beigelman et al., International PCT publication No. WO 99/55857).

FIG. 4 shows an example of the Zinzyme A ribozyme motif that is chemically stabilized (see for example Beigelman et al., Beigelman et al., International PCT publication No. WO 99/55857) .

FIG. 5 shows an example of a DNAzyme motif described by Santoro et al., 1997, PNAS, 94, 4262.

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TI USE OF HARPAGID-RELATED COMPOUNDS FOR PREVENTION AND TREATMENT OF OSTEOPOROSIS, ARTHRITIS AND RUPTURED DISC AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME
IN Han Yong Nam (KR); Kim Sang Tae (KR); Shin Joon Shik (KR)
PA Unassigned Or Assigned To Individual (68000)
PI US 2002183264 A1 20021205
AI US 2001-995691 20011129
PRAI KR 2000-71497 20001129
FI US 2002183264 20021205
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 4
GI 18 Figure(s).

FIG. 1 shows (a) the flowchart of a process for recovering the dry weight of the pharmaceutical composition by extraction of the constituent drug with distilled water and an organic solvent, concentration under reduced pressure and lyophilization, and (b) the flowchart of the procedures for extracting the organic fraction according to the process for extracting the effective component.

FIG. 2 shows (a) the causal mechanism of invasion, (b) the invaded portions, and (c) the route for transmitting molecular biological signals of invasive process in joint at which arthritis as the typical one of bone diseases is invaded.

FIG. 3 shows the survival and cytomorphological appearance of synovial cells in joint portion at which arthritis as the typical chronic and degenerative bone diseases is invaded.

FIG. 4 shows the 70-days inhibitory effect on edema as one of chronic and degenerative osteopathological symptoms of arthritis by treating the induced edema with respective fractions obtained as the organic solvent fractions of the pharmaceutical composition in an amount of 75 mu g/ml for 2 weeks via oral route.

FIG. 5 shows the number and distribution pattern of CAM observed for 3 days by treating the fertilized egg with the effective component as the organic solvent extract in the concentration of 10 mu g/ml, incubating the egg in an incubator at 37 degrees C. for 2 days and then carefully injecting 5 x 103 synovial cells on CAM via syringe.

FIG. 6 is H/E tissue staining which shows the rupture extent of cartilaginous tissue after 70 days from the treatment of arthritis-induced animal with the water extract of the pharmaceutical composition at the concentration given in FIG. 9.

FIG. 7 is (a) a bar graph showing the inhibition of NO formation when Raw 264.7 cell lines are treated with the organic solvent fraction of a single drug of the pharmaceutical composition at the concentration of 10 mu g/ml for 24 hours an then stimulated with LPS, and (b) a bar graph showing the inhibition of NO formation when the cell lines treated with CBB fraction and LNE fraction as the organic solvent fractions are stimulated with LPS according to the same manner as above (a).

FIG. 8 shows (a) the induction pattern of apoptosis when Raw 264. 7 cell

lines are treated with the organic fraction of the effective component at the concentration of about 20 *g/ml and then stimulated with LPS, and (b) the result of observing whether the synovial cells show the same pattern according to the same method as above (a).

FIG. 9 shows (a) the result of flow cytometry to determine the effect on cell cycle by treating Raw 264.7 cell lines with the organic fraction of the effective component at the concentration of about 20 mu g/ml and then stimulating with LPS and (b) the result of observing whether the synovial cells show the same appearance according to the same method as above (a).

FIG. 10 shows the inhibitory effect on the expression of COX-II enzyme ***protein*** as measured by SDS-PAGE electrophoresis when synovial cell lines are treated with the organic fraction of the effective component and then stimulated with LPS.

FIG. 11 shows the inhibitory effect on the synthesis of iNOS and COX-II enzymes as measured by RT-PCR when synovial cell lines are treated with the organic fraction of the effective component and then stimulated with LPS, and the inhibitory effect of respective fractions on the synthesis of iNOS (b) and COX-II (c) enzymes according to the same method as above (a).

FIG. 12 shows the result obtained by labeling synovial cell lines with a secondary antibody FITC, allowing to stand the cells for about one hour while shading the light with a foil and then observing the cells under a fluorescence microscope, in order to examine whether the compound identified as the effective component in the pharmaceutical composition of the present invention can induce the inhibitory effect on COX-II expression in synovial cells in joint portion.

FIG. 13 is X-ray photograph to show the 70-days inhibitory effect on edema as one of chronic and degenerative osteopathological symptoms of arthritis by treating the induced edema with respective fractions obtained as the organic solvent fractions of the pharmaceutical composition in an amount of 75 mu g/ml for 2 weeks via oral route.

FIG. 14 is the result of computerized tomography (CT) to show the clinical improvement in an outpatient suffering from ruptured disc with the pharmaceutical composition of the present invention.

FIG. 15 is the result of magnetic resonance imaging (MRI) to show the clinical improvement in an outpatient suffering from ruptured disc with the pharmaceutical composition of the present invention.

FIG. 16 shows the presence of ***nogo*** -A with respect to the mechanism to induce vertebral neuroparalysis in an outpatient suffering from ruptured disc.

FIG. 17 shows a channel for blocking neurotransmission by raising the injury in oligodendrocyte present around the axon as the nervous portion concerned with a paralysis of neurotransmission.

FIG. 18 shows (a) a channel for blocking neurotransmission to brain cells as in case that the injury is raised in oligodendrocyte present around the axon as the nervous portion concerned with a paralysis of neurotransmission, (b) the recovery of neurotransmission by treating cells with NGF or CBB13/LNE-2 to regenerate neutrite, which recovers the neurotransmission.

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TI ***NOGO*** RECEPTOR-MEDIATED BLOCKADE OF AXONAL GROWTH; NUCLEOTIDE SEQUENCES CODING PRFEERENTIAL POLYPEPTIDES FOR USE IN THE DIAGNOSIS AND TREATMENT OF BRAIN DISORDERS AND INJURY
IN Strittmatter Stephen M
PA Unassigned Or Assigned To Individual (68000)
PI US 2002012965 A1 20020131
AI US 2001-758140 20010112
PRAI US 2000-175707P 20000112 (Provisional)
US 2000-207366P 20000526 (Provisional)
US 2000-236378P 20000929 (Provisional)
FI US 2002012965 20020131
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 39
GI 24 Figure(s).

FIG. 1-Comparison of ***Nogo*** Domains
(a) is a schematic diagram which summarizes features of the ***Nogo*** ***proteins*** utilized in this study. (b) is a photograph of NIH-3T3 fibroblasts cultured on surfaces coated with Amino- ***Nogo*** , GSTNogo-66 or no ***protein*** and stained for filamentous actin (scale bar, 40 mu m). (c) is a photograph of chick E12 dorsal root ganglions cultured on surfaces coated with Amino- ***Nogo*** , GST-Nogo66 or no ***protein*** (substrate-bound) or with 100 nM

***Nogo*** ***protein*** (soluble) (scale bar, 40 mu m). (d) is a photograph of a gel and an immunoblot where purified Amino- ***Nogo*** -Myc-His ***protein*** was subjected to SDS-PAGE and stained with Commassie Brilliant Blue (CBB) or immunoblotted with anti-Myc antibodies (Myc) (molecular weight markers of 200, 116, 97, 65 & 45 kDa are at left). (e) is a graph displaying experimental data where the percentage of 3T3 fibroblasts with an area greater than 1200 mu m2 (spread) was measured from experiments as in (b) on Nogocoated surfaces (black) or with soluble 100 nM ***Nogo*** preparations (blue) (AM, Amino- ***Nogo*** ; AM+Myc, Amino- ***Nogo*** preincubated with anti-Myc antibody; AM+Myc+Mo, AM+Myc preincubated with anti-mouse IgG antibody; Myc+Mo, anti-Myc antibody plus anti-murine IgG antibody). (f) is a graph displaying experimental data where the percentage of spread COS7 cells was determined after culture on ***Nogo*** -coated surfaces or with soluble 100 nM ***Nogo*** preparations. (g) is a graph displaying experimental data where the effects of purified preparations of GST- ***Nogo*** -66 or Amino- ***Nogo*** on growth cone morphology was assessed in E12 dorsal root ganglion cultures at the indicated concentrations after thirty minutes. This demonstrates that GST- ***Nogo*** -66 is two orders of magnitude more potent than Amino- ***Nogo*** in this assay. (h) is a graph displaying experimental data where the neurite outgrowth per cell in E13 dorsal root ganglion cultures was quantitated from experiments as in (c) on ***Nogo*** -coated surfaces or with soluble 100 nM ***Nogo*** preparations. (i) is a graph displaying experimental data where the effects of ***Nogo*** preparations on neurite outgrowth in cerebellar granule neurons was measured.

FIG. 2- ***Nogo*** Fragments Antagonize ***Nogo*** and CNS Myelin Action

(a) is a photograph of chick E12 dorsal root ganglion explants that were cultured and growth cone collapse assessed as described in FIG. 4. Cultures were exposed to the following preparations for thirty minutes before fixation and staining with rhodamine-phalloidin: buffer only (Control); 15 nM GSTNogo ( ***Nogo*** ); 1 mu M each of Pep1, Pep2 and Pep3 (Pep); 15 nM GST- ***Nogo*** plus 1 mu M each of Pep1, Pep2 and Pep3 ( ***Nogo*** +Pep). Note that growth cone collapse by ***Nogo*** is blocked by peptide addition. Pep1, residues 1-25 of the extracellular domain; Pep2, 11-35; and Pep3, 21-45. (b) is a graph quantifying the results from growth cone collapse assays as in (a). Individual peptides were included at 4 mu M, and the peptide 1-3 mixture was 1 mu M of each peptide. CNS myelin was prepared as described and the indicated total myelin ***protein*** concentrations were included in the cultures. All results are the means +-s.e.m. calculated from four to seven determinations. Those values significantly different from the corresponding values with the same concentration of ***Nogo*** or myelin but without peptide are indicated (asterisk, p less-than 0.05, Student's two-tailed t test).

FIG. 3- ***Nogo*** Antagonist Pep2-41

(a) is a graph displaying the results of chick E12 dorsal root ganglion growth cone collapse assays. These assays were performed and quantified as in GrandPre et al., (2000) Nature 403, 439-444. Assays were conducted with no addition (Control), 15 nM GST- ***Nogo*** ( ***Nogo*** ) or 15 nM GST- ***Nogo*** plus 1 mu M Pep2-41 ( ***Nogo*** +Pep). The values are means +-s.e.m. calculated from four determinations. (b) is a graph displaying the results of binding experiments where binding of 10 nM AP- ***Nogo*** to chick E12 dorsal root ganglion neurons was measured as described in FIG. 4 with the addition of the indicated concentrations of Pep2-41.

FIG. 4- ***Nogo*** Pep2-41 Prevents Both ***Nogo*** & CNS Myelin Inhibition of Neurite Outgrowth

This figure is a graph which displays the results of outgrowth assays where neurons were cultured in the presence of the indicated concentrations of Pep2-41, purified GST- ***Nogo*** (GSTNogo-66) ***protein*** and crude CNS myelin ***protein*** . Chick E13 dorsal root ganglion neurons were cultured under standard conditions. For outgrowth assays, neurons were cultured in the presence of the indicated concentrations of Pep2-41, purified GST- ***Nogo*** (GSTNogo-66) ***protein*** and crude CNS myelin ***protein*** . This demonstrates that Pep2-41 can reverse the inhibition of neurite outgrowth by either GST- ***Nogo*** or total CNS myelin.

FIG. 5-Ligand Binding Assay for Axonal ***Nogo*** Receptors

(a) is a photograph of a gel and an immunoblot where the His-APNogo (66 amino acid) ***protein*** was expressed in HEK293T cells, and purified from conditioned medium on a Nickel-containing resin via the His tag. Purified ***protein*** was subjected to SDSPAGE and stained for total ***protein*** with CBB or immunoblotted with anti- ***Nogo***

antibodies (anti- ***Nogo*** ). Molecular weight markers of 200, 116, 97, 65 and 45 kDa are shown at left, and the migration of AP- ***Nogo*** at right. (b) is a photograph of dissociated chick E12 dorsal root ganglion neurons that were incubated with 10 nM AP- ***Nogo*** or 10 nM AP- ***Nogo*** +160 nM GST- ***Nogo*** for sixty minutes at 23 degrees C. The cells were washed, fixed and incubated at 60 degrees C. in order to inactivate endogenous AP. Bound AP- ***Nogo*** was detected by incubation with nitro blue tetrazolium. Note the intense neuronal staining by AP- ***Nogo*** that is displaced by unlabeled ligand. (c) is a graph displaying experimental data where the potency of AP- ***Nogo*** and GST- ***Nogo*** in E12 chick dorsal root ganglion growth cone collapse assays was assessed as described in the Example section. The EC50 of AP- ***Nogo*** was determined to be 1 nM or less. The means +s.e.m. calculated from five to eight determinations are illustrated. (d) is a graph displaying experimental data where the binding of 10 nM AP- ***Nogo*** to chick E12 dorsal root ganglion neurons was assessed alone, or in the presence of 100 nM GSTNogo or in the presence of 4 mu M Pep2, which was quantified from experiments as in (b) by the method described in the Example section. The means +-s.e.m. calculated from eight determinations are shown. (e) is a graph displaying experimental data where AP- ***Nogo*** binding to dorsal root ganglion neurons was measured as a function of AP- ***Nogo*** concentration. This is one of six experiments with similar results. (f) is a graph summarizing the data from (e) replotted for Scatchard analysis. The apparent Kd for AP- ***Nogo*** binding to E12 chick dorsal root ganglion neurons is 3 nM.

FIG. 6- ***Nogo*** Binding to COS-7 Expressing the ***Nogo*** Receptor

This figure is a photograph of COS-7 cells that were transfected with an expression vector encoding the murine ***Nogo*** receptor. Two days after transfection, binding of AP- ***Nogo*** or AP was assessed as described in the Example section for dorsal root ganglion neurons. Note the selective binding of AP- ***Nogo*** to ***Nogo*** receptor expressing cells. Binding is greatly reduced in the presence of excess ***Nogo*** peptide not fused to AP.

FIG. 7-Structure of the ***Nogo*** Receptor

This schematic diagram illustrates the major structural features of the ***Nogo*** receptor.

FIG. 8-Distribution of ***Nogo*** Receptor mRNA

This figure is a photograph of Northern blot of ***Nogo*** receptor mRNA for polyA+RNA samples from the indicated murine tissues on the left and for total RNA samples from various rat brain regions on the right. The migration of RNA size markers is shown at left.

FIG. 9- ***Nogo*** -66 Receptor Immunohistology

(a) is a photograph of an immunoblot where membrane fractions (10 mu g ***protein*** ) from the indicated cells or chick tissues were analyzed by anti- ***Nogo*** -66 receptor immunoblot (molecular weight markers in kDa are at right). (b) is a photograph of COS7 cells expressing Myc- ***Nogo*** -66 receptor or chick E5 spinal cord explants (eight days in vitro) stained with anti- ***Nogo*** -66 receptor, anti-Myc or the oligodendrocyte-specific O4 antibody. The bottom three panels show double label immunohistochemistry of the same field (scale bar, 40 mu m for the top three panels and 80 mu m for the bottom three panels). (c) is a photograph of paraformaldehyde-fixed vibratome sections of adult brain or spinal cord stained with the anti- ***Nogo*** -66 receptor preparation. This demonstrates staining of axonal profiles (arrows) in both the pons and spinal cord. Staining is dramatically reduced in the presence of 10 mu g/ml GST- ***Nogo*** -66 receptor antigen.

FIG. 10- ***Nogo*** -66 Receptor Mediates Growth Cone Collapse by Nogo66

(a) is a photograph of chick E12 DRG explants exposed to ***Nogo*** -66 following pre-treatment with PI-PLC or buffer. Staining of Factin in axons is illustrated (scale bar, 40 mu m). (b) is a graph summarizing the experimental results of binding of 3 nM AP or AP- ***Nogo*** to chick E12 dorsal root ganglion dissociated neurons. Where indicated the cultures were pre-treated with PIPLC or 150 nM GST- ***Nogo*** -66 was included in the incubation with AP- ***Nogo*** . ( ***c*** ) is a graph summarizing growth cone collapse measurements from experiments as in (a). Chick E12 DRG cultures were treated with or without PI-PLC prior to exposure to 30 nM GST- ***Nogo*** -66 or 100 pM Sema3A. (d) is a photograph of E7 retinal ganglion cell explants infected with a control virus (HSVPlexinA1) or with HSV-Myc- ***Nogo*** -66 receptor and then incubated with or without ***Nogo*** -66. Phalloidin staining of axonal growth cones is illustrated (scale bar, 25 mu m). (e) is a graph quantitating growth cone collapse in uninfected, or viral infected E7 retinal neurons as in (d).

FIG. 11-Structure-function Analysis of Nosgo-66 Receptor

(a) is a schematic diagram of different ***Nogo*** -66 receptor deletion mutants. These mutants were assessed for level of expression by immunoblot and for AP- ***Nogo*** binding. Note that the leucine rich repeats and the leucine rich repeat carboxy terminal are required for ***Nogo*** binding but the remainder of the ***protein*** is not. The second ***protein*** was tested after purification and immobilization. (b) is a diagram of the predicted three dimensional structure for the first seven leucine rich repeats of the ***Nogo*** -66 receptor. This is derived from computer modeling based on the predicted structure of the related leucine rich repeats of the leutropin receptor (Jiang et al., (1995) Structure 3, 1341-1353). Modeling is performed by Swiss-Model at www.expasy.ch/spdbv. Those regions with beta sheet and alpha helix secondary structure are also indicated.

FIG. 12-Soluble ***Nogo*** receptor blocks ***Nogo*** -66 Chick E13 DRG neurons cultured under standard conditions. In growth cone collapse assays, conditioned medium from HEK 293T cells secreting the 1-348 amino acid ectodomain fragment of the murine ***Nogo*** receptor or control conditioned medium was added together with 100 nM ***Nogo*** -66. In the bottom left panel, the data in the graph demonstrates that ***Nogo*** -induced collapse is blocked by the soluble receptor fragment. For outgrowth assays, neurons were cultured in the presence of control or ***Nogo*** receptor ectodomain conditioned medium together with ***Nogo*** -66 ***protein*** (50 nM) or central nervous system myelin (15 mu g total ***protein*** /ml). The top four panels show photographs demonstrating that central nervous system myelin inhibits outgrowth and that this is blocked by the presence the ***Nogo*** receptor ectodomain ***protein*** . Outgrowth is quantitated in the graph in the bottom right panel. !

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TI IMMUNOLOGICAL COMPOSITION AND ITS METHOD OF USE TO TRANSIENTLY DISRUPT MAMMALIAN CENTRAL NERVOUS SYSTEM MYELIN TO PROMOTE NEURONAL REGENERATION; REPAIR CENTRAL NERVOUS SYSTEM DAMAGE; KIT CONTAINING COMPLEMENT FIXING ANTIBODIES
IN Dyer Jason K (CA); Keirstead Hans S (CA); Steeves John D (CA)
PA British Columbia, University of CA (11738)
PI US 6548061 B1 20030415
AI US 1998-181719 19981028
PRAI CA 1997-2219683 19971028
CA 1998-2251410 19981016
FI US 6548061 20030415
DT Utility
FS CHEMICAL
GRANTED
CLMN 17
GI 9 Drawing Sheet(s), 10 Figure(s).

FIG. 1 presents (A) Photomicrograph of a transverse section of spinal cord of an adult rat at the level of T10 left side hemisection lesion, stained with cresyl violet. All lesions were assessed and always resulted in severing the funiculi through which the rubrospinal tract traverses. The contralateral dorsal (dh) and ventral (vh) horns were always left undamaged; the central canal (cc) is labeled for orientation. (B) Assessment of visible Fluorogold diffusion in the control treated and immunologically disrupted hemisected spinal cord. Diffusion of the retrograde tracer was measured at the light microscope level at the time points indicated after injection into the lumbar spinal cord (see methods for details). Immunological demyelination did not significantly affect the diffusion of the tracer.

FIG. 2 shows electron photomicrographs of transverse sections through the dorsolateral funiculus after continuous intraspinal infusion of immunological reagents for 7 days. (A) Within one spinal segment (less-than 2 mm) of the infusion site, large regions of naked, demyelinated axons were visible. Some axons were observed to be associated with monocyte cells (M, e.g. infiltrating macrophage) and or endogenous microglia, some of which also contained myelin ovoids (arrow) or myelin debris. (B) On other grids, monocytes and invading polymorphonucleocytes (PMN) could also be seen in close association with demyelinated axons. Macrophages and/or microglia were identified on the basis of their high density endoplasmic reticulum (arrow-heads), and "finger-like" processes. Some monocytes have laid down basal lamina components such as collagen (Col), which distinguishes them from astrocytes. Multi-lobed nuclei are characteristic of PMNs and facilitate their identification. (C) Example of myelin-disruption. This is often observed 4-8 mm (12 spinal segments) from the immunological infusion site where the axons were still associated with myelin; however, the myelin

lamellae were disrupted (delaminated). Some regions of coherence in the myelin wrapping did persist (arrows). (D) Example of the appearance of axons within the dorsolateral funiculus after a control infusion of Guinea-pig complement alone. Some non-specific damage of myelin sheathes occurred, especially within one spinal segment of the infusion site; however, the compact nature of the myelin remained intact. Original magnification x 4000 (A, B, D), x 10000(C).

FIG. 3 presents demonstrations of regeneration of rubprospinal neurons after left-side thoracic hemisection and subsequent immunological myelin suppression treatment. Panels A and B are photomicrographs of rubrospinal neurons from the same experimentally-treated animal (14 days infusion of serum complement with anti-GalC); A is from the uninjured Red nucleus while B is from the injured Red nucleus. Panels C and D are also from same control-treated animal (14 days infusion of serum complement only): C is the uninjured Red nucleus and D is the injured Red nucleus. Flourogold injection within the rostral lumbar cord 28 days after injury resulted in the retrograde labeling of uninjured rubrospinal neurons (A and C) as well as those rubrospinal neurons that had regenerated from the injured Red nucleus (B and D). (E) and (F) Axotomized rubrospinal neurons were retrograde labeled at the time of injury with the first label RDA (solid arrow heads) and subsequently 28 days later with the second label FG (open arrown heads). Double-labeled (RDA+FG) cells are indicated by an asterisk and represent those rubrospinal neurons that had regenerated after immunological myelin-suppression treatment. Scale bar=100 mu m.

FIG. 4 shows a relative quantitative assessment of regeneration of rubrospinal neurons after thoracic injury and immunological treatment. Regeneration was assessed by counting FG-labeled cells in alternating tissue sections: those with both multipolar neuronal morphology and FG labeling were deemed to be positive. Percentage regeneration was calculated by comparison of the retrograde labeled cell counts from the injured Red nucleus with the control uninjured Red nucleus within the same animal. For each animal, the degree of lesion was assessed. Filled bar: myelin suppressed; hatched bar: pooled control treated groups. Data shown+-s.d.

FIG. 5 demonstrates effects of removal of a single complement ***protein*** on immunological demyelination. (A) Control uninjured spinal cord. Electron photomicrographs of transverse sections through the dorsolateral funiculus indicating the ultrastructure of adult myelin sheaths. (B) 7 day infusion with myelin-specific antibody and human complement sera results in a profound myelin suppression. (C) The removal of the C3 component of complement results in a lack of myelin-removal, indicating the fundamental role of this ***protein*** in either (i) opsonization, or (ii) the propagation of the cascade to the lytic membrane attack complex (MAC), the final lytic pathway complex. It is believed that it is a fundamental and essential requirement of a myelin specific cell surface binding antibody to activate the classical complement pathway for effective transient demyelination.

FIG. 6 shows a relative quantitative assessment of regeneration of lateral vestibulospinal neurons after thoracic injury and delayed immunological treatment. Immunological demyelination treatment was delayed for 1 or 2 months after injury as indicated. Regeneration was assessed by counting FG-labeled cells in alternating tissue sections: those with both multipolar neuronal morphology and FG labeling were deemed to be positive. Percentage regeneration was calculated by comparison of the retrograde labeled cell counts from the injured lateral vestibulospinal nucleus with the control uninjured lateral vestibulospinal nucleus within the same animal. For each animal, the degree of lesion was assessed. Filled bar: myelin suppressed; open bar: pooled control treated groups. Data shown+-s.d.

FIG. 7 presents A) Drawing of a dorsal view of the rat central nervous system, indicating the relative origins and course of the rubrospinal tract (RN) and lateral vestibular tract (LVe). Also illustrated (solid line) is the left-side thoracic hemisection lesion (*T10, line), the immunological infusion site (*T11, vertical hatching), and the site of the Fluorogold injection (*L1, diagonal hatching). B) composite photomicrograph of parasagittal sections through the lower thoracic and rostral lumbar spinal cord (T9-L1, rostral is up). Some Fluorogold diffusion can be clearly emanating from the injection site as an intense white "halo", however, this staining rapidly decreased with distance from the site of injection and none was ever visible rostral to T11, the immunological infusion site (i.e. no diffusion to or above the lesion at T10, thus no evidence for any "false" positive retrograde labeling of brainstem-spinal projections). C) photomicrograph of a transverse section of spinal cord at the level of T10 left side hemisection lesion, stained with cresyl violet. All lesions were assessed and always resulted in severing the funiculi through which the rubrospinal and lateral

vestibulospinal tracts traverse. The contralateral dorsal (dh) and ventral (vh) horns were always left undamaged; the central canal (cc) is labeled for orientation. D and E) Non-specific fluorescence associated with blood cells within the lesion and pump implantation sites indicating the degree of damage associated with the lesion and cannula implantation, respectively. Specific Fluorogold fluorescence labeling was never observed at the level of the cannula implantation or hemisection injury.

FIG. 8 shows regeneration of lateral vestibulospinal neurons after left-side thoracic hemisection and subsequent immunological myelin suppression treatment. Panels A and B are photomicrographs of lateral vestibulospinal neurons from the same experimentally-treated animal (14 days infusion of serum complement with anti-GalC); A is of the injured lateral vestibular nucleus and B is from the uninjured lateral vestibular nucleus and. Panels C and D are also from same control-treated animal (14 days infusion of serum complement only); where C is the injured lateral vestibulospinal nucleus and D is the uninjured lateral vestibulospinal nucleus. Fluorogold injection within the rostral lumbar cord 28 days after injury resulted in the retrograde labeling of uninjured lateral vestibulospinal neurons (B and D) as well as those lateral vestibulospinal neurons that had regenerated from the injured lateral vestibulospinal nucleus (A and C), please see results for further details. Panel E is a drawing of a transverse section through the midbrain indicating the location of the lateral vestibular nucleus (LVe), SpVe=spinal vestibular nucleus, MVe=medial vestibular nucleus, 4V=4th ventricle, FN=facial nerve tract, 7=7th cranial (facial) nucleus, PFl=paraflocculus. Scale bar=100 mu m.

FIG. 9 shows relative quantitative assessment of regeneration of rubrospinal and lateral vestibulospinal neurons after thoracic injury and immunological treatment. Regeneration was assessed by counting FG-labeled cells in alternating tissue sections; those with both multipolar neuronal morphology and FG labeling, were deemed to be positive. Percentage regeneration was calculated by comparison of the injured nucleus with the contralateral (uninjured) nucleus within the same animal. For each animal the degree of lesion was assessed. Filled bars, experimental; open bars, pooled control groups.

FIG. 10 shows a quantitative assessment of regeneration of descending brainstem-spinal axons after chronic lateral hemisection & delayed immunological treatment. Percentages of retrogradely labeled red nucleus (red) and lateral vestibular (green) neurons vs. Contralateral uninjured, after control (PBS, Ab, GpC) treatment (open bars) or immunological disruption/ demyelination (filled bars). Expressed as percentage labeled cells in the injured nucleus vs. Uninjured contralateral.!

L6 ANSWER 222 OF 245 IFIPAT COPYRIGHT 2004 IFI on STN
AN 3842228 IFIPAT;IFIUDB;IFICDB
TI 2-O-(9Z,12Z-OCTADECADIENOYL)-3-O-(ALPHA-D-GALACTOPYRANOSYL-(1''-6')-O-ALPHA -D-GALACTOPYRANOSYL)GLYCEROL AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME; MEDICINAL PLANTS; HERBS; PLANT EXTRACTS; CIBOTII RHIZOMA; USE THERAPY FOR ARTHRITIS, OSTEOPOROSIS, RUPTURED DISC
IN Han Yong Nam (KR); Kim Sang Tae (KR); Shin Joon Shik (KR)
PA Unassigned Or Assigned To Individual (68000)
PI US 6531582 B1 20030311
AI US 2001-995617 20011129
PRAI KR 2000-71438 20001129
FI US 6531582 20030311
DT Utility
FS CHEMICAL
GRANTED
MRN 012334 MFN: 0870
CLMN 3
GI 17 Drawing Sheet(s), 27 Figure(s).

FIG. 1 shows (a) the flowchart of a process for recovering the dry weight of the pharmaceutical composition by extraction of the constituent drug with distilled water and an organic solvent, concentration under reduced pressure and lyophilization, and (b) the flowchart of the procedures for extracting the organic fraction according to the process for extracting the effective component.

FIG. 2 shows (a) the causal mechanism of invasion, (b) the invaded portions, and (c) the route for transmitting molecular biological signals of invasive process in joint at which arthritis as the typical one of bone diseases is invaded.

FIG. 3 shows the survival and cytomorphological appearance of synovial cells in joint portion at which arthritis as the typical chronic and degenerative bone diseases is invaded.

FIG. 4 shows the 70-days inhibitory effect on edema as one of chronic and degenerative osteopathological symptoms of arthritis by treating the

induced edema with respective fractions obtained as the organic solvent fractions of the pharmaceutical composition in an amount of 75 mu g/ml for 2 weeks via oral route.

FIG. 5 shows the number and distribution pattern of CAM observed for 3 days by treating the fertilized egg with the effective component as the organic solvent extract in the concentration of 10 mu g/ml, incubating the egg in an incubator at 37 degrees C. for 2 days and then carefully injecting 5 x 103 synovial cells on CAM via syringe.

FIG. 6 is H/E tissue staining which shows the rupture extent of cartilaginous tissue after 70 days from the treatment of arthritis-induced animal with the water extract of the pharmaceutical composition at the concentration given in FIG. 9.

FIG. 7 is (a) a bar graph showing the inhibition of NO formation when Raw 264.7 cell lines are treated with the organic solvent fraction of a single drug of the pharmaceutical composition at the concentration of 10 mu g/ml for 24 hours an then stimulated with LPS, and (b) a bar graph showing the inhibition of NO formation when the cell lines treated with CBB fraction and LNE fraction as the organic solvent fractions are stimulated with LPS according to the same manner as above (a).

FIG. 8 shows (a) the induction pattern of apoptosis when Raw 264. 7 cell lines are treated with the organic fraction of the effective component at the concentration of about 20 mu g/ml and then stimulated with LPS, and (b) the result of observing whether the synovial cells show the same pattern according to the same method as above (a).

FIG. 9 shows (a) the result of flow cytometry to determine the effect on cell cycle by treating Raw 264.7 cell lines with the organic fraction of the effective component at the concentration of about 20 mu g/ml and then stimulating with LPS and (b) the result of observing whether the synovial cells show the same appearance according to the same method as above (a).

FIG. 10 shows the inhibitory effect on the expression of COX-II enzyme ***protein*** as measured by SDS-PAGE electrophoresis when synovial cell lines are treated with the organic fraction of the effective component and then stimulated with LPS.

FIG. 11 shows the inhibitory effect on the synthesis of iNOS and COX-II enzymes as measured by RT-PCR when synovial cell lines are treated with the organic fraction of the effective component and then stimulated with LPS, and the inhibitory effect of respective fractions on the synthesis of iNOS (b) and COX-II (c) enzymes according to the same method as above (a).

FIG. 12 shows the result obtained by labeling synovial cell lines with a secondary antibody FITC, allowing to stand the cells for about one hour while shading the light with a foil and then observing the cells under a fluorescence microscope, in order to examine whether the compound identified as the effective component in the pharmaceutical composition of the present invention can induce the inhibitory effect on COX-II expression in synovial cells in joint portion.

FIG. 13 is X-ray photograph to show the 70-days inhibitory effect on edema as one of chronic and degenerative osteopathological symptoms of arthritis by treating the induced edema with respective fractions obtained as the organic solvent fractions of the pharmaceutical composition in an amount of 75 mu g/ml for 2 weeks via oral route.

FIG. 14 is the result of computerized tomography (CT) to show the clinical improvement in an outpatient suffering from ruptured disc with the pharmaceutical composition of the present invention.

FIG. 15 is the result of magnetic resonance imaging (MRI) to show the clinical improvement in an outpatient suffering from ruptured disc with the pharmaceutical composition of the present invention.

FIG. 16 shows the presence of ***nogo*** -A with respect to the mechanism to induce vertebral neuroparalysis in an outpatient suffering from ruptured disc.

FIG. 17 shows a channel for blocking neurotransmission by raising the injury in oligodendrocyte present around the axon as the nervous portion concerned with a paralysis of neurotransmission.

FIG. 18 shows (a) a channel for blocking neurotransmission to brain cells as in case that the injury is raised in oligodendrocyte present around the axon as the nervous portion concerned with a paralysis of neurotransmission, (b) the recovery of neurotransmission by treating cells with NGF or CBB13/LNE-2 to regenerate neutrite, which recovers the neurotransmission.

L6 ANSWER 223 OF 245 JICST-EPlus COPYRIGHT 2004 JST on STN

AN 1030000247 JICST-EPlus

TI ***Nogo*** - ***A*** expression in oligodendrocytes during the postnatal development of rat spinal cord dorsal funiculus.

AU TAKETOMI M; KITADA Y; NODA T; IDE C
KINOSHITA N

ASO T
CS Kyodai Daigakuin I Seitaikozoigakukinobisai
Riken Hasseikagakusokense
Tokyo Metrop. Inst. of Gerontology
SO Nihon Shinkei Kagaku Taikai Puroguramu, Shorokushu, (2002) vol. 25th, pp. 107. Journal Code: L4418A
ISSN: 1347-8583
CY Japan
DT Conference; Preprint
LA English
STA New

L6 ANSWER 224 OF 245 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 1020621405 JICST-EPlus
TI ***NOGO*** - ***A*** Expression in Oligodendrocytes of Rat Spinal Cord Dorsal Funiculus During Postnatal Development.
AU TAKETOMI M; KINOSHITA N; KITADA M; KIMURA K; IDE C
CS Kyoto Univ. Graduate School Of Medicine
SO Acta Histochem Cytochem, (2002) vol. 35, no. 3, pp. 246-247. Journal Code: Z0149B
CODEN: ACHCBO; ISSN: 0044-5991
CY Japan
DT Journal; Preprint
LA English
STA New

L6 ANSWER 225 OF 245 LIFESCI COPYRIGHT 2004 CSA on STN
AN 2001:103556 LIFESCI
TI Plasticity of motor systems after incomplete spinal cord injury
AU Raineteau, O.; Schwab, M.E.
SO Nature Reviews: Neuroscience [Nat. Rev. Neurosci.], (20010400) vol. 2, no. 4, pp. 263-273.
ISSN: 1471-0048.
DT Journal
TC General Review
FS N3
LA English
SL English

L6 ANSWER 226 OF 245 MEDLINE on STN
AN 2003200014 MEDLINE
DN 22605610 PubMed ID: 12718850
TI No ***Nogo*** : now where to go?.
CM Comment on: Neuron. 2003 Apr 24;38(2):177-85
Comment on: Neuron. 2003 Apr 24;38(2):187-99
Comment on: Neuron. 2003 Apr 24;38(2):213-24
AU Woolf Clifford J
CS Neural Plasticity Research Group, Department of Anesthesia and Critical Care, Massachusetts General Hospital and Harvard Medical School, Boston, MA 02129, USA.. cwoolf@mgh.harvard.edu
SO NEURON, (2003 Apr 24) 38 (2) 153-6. Ref: 22
Journal code: 8809320. ISSN: 0896-6273.
CY United States
DT Commentary
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 200305
ED Entered STN: 20030430
Last Updated on STN: 20030529
Entered Medline: 20030528

L6 ANSWER 227 OF 245 MEDLINE on STN
AN 2000246808 MEDLINE
DN 20246808 PubMed ID: 10787127
TI ***Nogo*** - ***A*** is the inhibitor of CNS axon regeneration.
AU Reilly C E
SO JOURNAL OF NEUROLOGY, (2000 Mar) 247 (3) 239-40.
Journal code: 0423161. ISSN: 0340-5354.
CY GERMANY: Germany, Federal Republic of
DT News Announcement
LA English
FS Priority Journals
EM 200007

ED Entered STN: 20000714
Last Updated on STN: 20000714
Entered Medline: 20000706

L6 ANSWER 228 OF 245 PHIN COPYRIGHT 2004 PJB on STN

AN 2001:2524 PHIN
DN S00695116
DED 2 Feb 2001
TI Scientists move closer to regenerating nerves
SO Scrip (2001) No. 2614 p22
DT Newsletter
FS BRIEF

L6 ANSWER 229 OF 245 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2001:141015 PROMT
TITLE: Neurology on the Frontier : An Era of Discovery.
AUTHOR(S): Sellers, L.J.; Brichacek, Andra
SOURCE: Pharmaceutical Executive, (Feb 2001) Vol. 21, No. 2, pp. 54
.
ISSN: 0279-6570.
PUBLISHER: Advanstar Communications, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 3237
*FULL TEXT IS AVAILABLE IN THE ALL FORMAT*

L6 ANSWER 230 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:1029924 SCISEARCH
GA The Genuine Article (R) Number: 745PR
TI X-irradiation of adult spinal cord increases its capacity to support neurite regeneration in vitro
AU Pinjuh D; Bedi K S (Reprint)
CS Univ Queensland, Sch Biomed Sci, Brisbane, Qld 4072, Australia (Reprint)
CYA Australia
SO INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, (NOV 2003) Vol. 21, No. 7, pp. 409-416.
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
ISSN: 0736-5748.
DT Article; Journal
LA English
REC Reference Count: 56
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L6 ANSWER 231 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:654179 SCISEARCH
GA The Genuine Article (R) Number: 705EV
TI Antigenic specificity of immunoprotective therapeutic vaccination for glaucoma
AU Bakalash S; Kessler A; Mizrahi T; Nussenblatt R; Schwartz M (Reprint)
CS Weizmann Inst Sci, Dept Neurobiol, IL-76100 Rehovot, Israel (Reprint); Ichilov Hosp, Dept Ophthalmol, IL-64239 Tel Aviv, Israel; NEI, Bethesda, MD 20892 USA
CYA Israel; USA
SO INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, (AUG 2003) Vol. 44, No. 8, pp. 3374-3381.
Publisher: ASSOC RESEARCH VISION OPHTHALMOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3998 USA.
ISSN: 0146-0404.
DT Article; Journal
LA English
REC Reference Count: 47
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L6 ANSWER 232 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:388527 SCISEARCH
GA The Genuine Article (R) Number: 673KL
TI Molecular analysis of ***Nogo*** expression in the hippocampus during development and following lesion and seizure
AU Meier S; Brauer A U; Heimrich B; Schwab M E; Nitsch R; Savaskan N E (Reprint)
CS Humboldt Univ, Med Sch Charite, Dept Cell & Neurobiol, Inst Anat, Oskar Hertwig House, Philippstr 12, D-10098 Berlin, Germany (Reprint); Humboldt Univ, Med Sch Charite, Dept Cell & Neurobiol, Inst Anat, D-10098 Berlin,

Germany; Univ Zurich, Dept Neuromorphol, Brain Res Inst, Zurich, Switzerland; Swiss Fed Inst Technol, Dept Biol, Zurich, Switzerland
CYA Germany; Switzerland
SO FASEB JOURNAL, (APR 2003) Vol. 17, No. 6, pp. U670-U704.
Publisher: FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3998 USA.
ISSN: 0892-6638.
DT Article; Journal
LA English
REC Reference Count: 82
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L6 ANSWER 233 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:85972 SCISEARCH
GA The Genuine Article (R) Number: 631AA
TI ***Nogo*** and ***Nogo*** receptor
AU Wu L X (Reprint); Sun C K; Fan M
CS Dalian Med Univ, Inst Brain Disorders, Dalian 116027, Peoples R China; Acad Mil Med Sci, Inst Basic Med Sci, Beijing 100850, Peoples R China
CYA Peoples R China
SO PROGRESS IN BIOCHEMISTRY AND BIOPHYSICS, (DEC 2002) Vol. 29, No. 6, pp. 834-836.
Publisher: SCIENCE CHINA PRESS, 16 DONGHUANGCHENGGEN NORTH ST, BEIJING 100717, PEOPLES R CHINA.
ISSN: 1000-3282.
DT General Review; Journal
LA Chinese
REC Reference Count: 5
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L6 ANSWER 234 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:798042 SCISEARCH
GA The Genuine Article (R) Number: 584KG
TI BACE and ***Nogo*** - ***A*** are associated with A-beta plaque deposition in amyloid precursor ***protein*** transgenic mice
AU Howlett D (Reprint); Prinjha R; Richardson J; Walsh F
CS GlaxoSmithKline, Neurol CEDD, Harlow, Essex, England
CYA England
SO NEUROBIOLOGY OF AGING, (JUL-AUG 2002) Vol. 23, No. 1, Supp. [1], pp. S236-S236. MA 886.
Publisher: ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY 10010-1710 USA.
ISSN: 0197-4580.
DT Conference; Journal
LA English
REC Reference Count: 0

L6 ANSWER 235 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:503853 SCISEARCH
GA The Genuine Article (R) Number: 561LD
TI Upregulation of EphA receptor expression in the injured adult rat spinal cord
AU Willson C A; Irizarry-Ramirez M; Gaskins H E; Cruz-Orengo L; Figueroa J D; Whittemore S R; Miranda J D (Reprint)
CS Univ Puerto Rico, Sch Med, Dept Physiol, POB 365067, San Juan, PR 00936 USA (Reprint); Univ Louisville, Kentucky Spinal Cord Injury Res Ctr, Sch Med, Louisville, KY 40202 USA; Univ Louisville, Dept Neurol Surg, Sch Med, Louisville, KY 40202 USA; Univ Louisville, Dept Anat Sci & Neurobiol, Sch Med, Louisville, KY 40202 USA; Dept Physiol, San Juan, PR 00936 USA; Dept Clin Lab Sci, San Juan, PR 00936 USA
CYA USA
SO CELL TRANSPLANTATION, (MAY 2002) Vol. 11, No. 3, pp. 229-239.
Publisher: COGNIZANT COMMUNICATION CORP, 3 HARTSDALE ROAD, ELMSFORD, NY 10523-3701 USA.
ISSN: 0963-6897.
DT Article; Journal
LA English
REC Reference Count: 65
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L6 ANSWER 236 OF 245 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:195259 SCISEARCH
GA The Genuine Article (R) Number: 525VQ
TI Regeneration of auditory nerve following complete sectioning, and intrathecal application of the IN-1 antibody
AU Tatagiba M (Reprint); Rosahl S; Gharabaghi A; Blomer U; Brandis A; Skerra

A; Samii M; Schwab M E
CS Hannover Med Sch, Dept Neurosurg, Carl Neuberg Str 1, D-30625 Hannover, Germany (Reprint); Hannover Med Sch, Dept Neurosurg, D-30625 Hannover, Germany; Int Neurosci Inst, Hannover, Germany; Hannover Med Sch, Inst Neuropathol, D-3000 Hannover, Germany; Tech Univ Munich, Dept Biochem, D-8050 Freising Weihenstephan, Germany; Univ Zurich, Brain Res Inst, Zurich, Switzerland
CYA Germany; Switzerland
SO ACTA NEUROCHIRURGICA, (FEB 2002) Vol. 144, No. 2, pp. 181-187.
Publisher: SPRINGER-VERLAG WIEN, SACHSENPLATZ 4-6, PO BOX 89, A-1201 VIENNA, AUSTRIA.
ISSN: 0001-6268.
DT Article; Journal
LA English
REC Reference Count: 28
*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

L6 ANSWER 237 OF 245 USPATFULL on STN
AN 2004:31195 USPATFULL
TI Modified transferrin fusion ***proteins***
IN Prior, Christopher P., Philadelphia, PA, UNITED STATES
PA BioRexis Pharmaceutical Corporation (U.S. corporation)
PI US 2004023334 A1 20040205
AI US 2002-231494 A1 20020830 (10)
PRAI US 2001-315745P 20010830 (60)
US 2001-334059P 20011130 (60)
DT Utility
FS APPLICATION
LN.CNT 15780
INCL INCLM: 435/069.700
INCLS: 435/320.100; 435/325.000; 530/380.000; 536/023.500; 530/400.000
NCL NCLM: 435/069.700
NCLS: 435/320.100; 435/325.000; 530/380.000; 536/023.500; 530/400.000
IC [7]
ICM: C07K014-79
ICS: C07H021-04; C12P021-04; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 238 OF 245 USPATFULL on STN
AN 2003:325152 USPATFULL
TI Methods for stimulating nervous system regeneration and repair by inhibiting phosphodiesterase type 4
IN Filbin, Marie T., New York, NY, UNITED STATES
Nikulina, Elena, Astoria, NY, UNITED STATES
PI US 2003229134 A1 20031211
AI US 2003-414506 A1 20030414 (10)
RLI Continuation of Ser. No. WO 2001-US46846, filed on 2 Nov 2001, PENDING
PRAI US 2000-245319P 20001102 (60)
DT Utility
FS APPLICATION
LN.CNT 1837
INCL INCLM: 514/424.000
NCL NCLM: 514/424.000
IC [7]
ICM: A61K031-4015
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 239 OF 245 USPATFULL on STN
AN 2003:306450 USPATFULL
TI Method of regenerating neurons
IN Hunt, Stephen P., London, UNITED KINGDOM
Robinson, Michelle, London, UNITED KINGDOM
Livesey, Frederick, Cambridge, UNITED KINGDOM
PI US 2003215884 A1 20031120
AI US 2002-145541 A1 20020514 (10)
DT Utility
FS APPLICATION
LN.CNT 2616
INCL INCLM: 435/007.200
INCLS: 514/012.000
NCL NCLM: 435/007.200
NCLS: 514/012.000
IC [7]
ICM: G01N033-53
ICS: G01N033-567; A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6  ANSWER 240 OF 245  USPATFULL on STN
AN    2003:251635  USPATFULL
TI    Axon regeneration with PKC inhibitors
IN    He, Zhigang, Boston, MA, UNITED STATES
      Koprivica, Vuk, Boston, MA, UNITED STATES
      Sivasankaran, Rajeev, Boston, MA, UNITED STATES
PA    Children's Medical Center Corporation (U.S. corporation)
PI    US 2003176424      A1   20030918
AI    US 2003-389082     A1   20030314 (10)
RLI   Continuation of Ser. No. US 2002-100690, filed on 14 Mar 2002, PENDING
DT    Utility
FS    APPLICATION
LN.CNT 867
INCL  INCLM: 514/225.800
      INCLS: 514/560.000; 514/253.050
NCL   NCLM:  514/225.800
      NCLS:  514/560.000; 514/253.050
IC    [7]
      ICM: A61K031-542
      ICS: A61K031-496; A61K031-202
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6  ANSWER 241 OF 245  USPATFULL on STN
AN    2003:251634  USPATFULL
TI    AXON REGENERATION WITH PKC INHIBITIORS
IN    He, Zhigang, Boston, MA, UNITED STATES
      Koprivica, Vuk, Boston, MA, UNITED STATES
      Sivasankaran, Rajeev, Boston, MA, UNITED STATES
PA    Children's Medical Center Corporation (U.S. corporation)
PI    US 2003176423      A1   20030918
      US 6664266         B2   20031216
AI    US 2002-100690     A1   20020314 (10)
DT    Utility
FS    APPLICATION
LN.CNT 693
INCL  INCLM: 514/225.800
      INCLS: 514/253.050; 514/560.000
NCL   NCLM:  514/294.000
      NCLS:  514/410.000; 514/415.000
IC    [7]
      ICM: A61K031-542
      ICS: A61K031-496; A61K031-201
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6  ANSWER 242 OF 245  USPATFULL on STN
AN    2003:214340  USPATFULL
TI    Polynucleotide therapy
IN    Fontoura, Paulo, Mountain View, CA, UNITED STATES
      Garren, Hideki, Palo Alto, CA, UNITED STATES
      Robinson, William H., Menlo Park, CA, UNITED STATES
      Steinman, Lawrence, Stanford, CA, UNITED STATES
      Ruiz, Pedro Jose, Redwood City, CA, UNITED STATES
      Utz, Paul J., Portola Valley, CA, UNITED STATES
PI    US 2003148983      A1   20030807
AI    US 2002-302098     A1   20021121 (10)
PRAI  US 2001-332070P     20011121 (60)
DT    Utility
FS    APPLICATION
LN.CNT 3759
INCL  INCLM: 514/044.000
NCL   NCLM:  514/044.000
IC    [7]
      ICM: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6  ANSWER 243 OF 245  USPATFULL on STN
AN    2003:70969  USPATFULL
TI    Modulating neuronal outgrowth via the major histocompatibility complex
      Class I (MHC I) molecule
IN    Kaufman, Daniel L., Los Angeles, CA, UNITED STATES
      Hanssen, Lorraine, Los Angeles, CA, UNITED STATES
      Zekzer, Dan, Encinitas, CA, UNITED STATES
PI    US 2003049254      A1   20030313
AI    US 2002-161647     A1   20020605 (10)
PRAI  US 2001-295596P     20010605 (60)

DT Utility
FS APPLICATION
LN.CNT 2511
INCL INCLM: 424/144.100
INCLS: 435/366.000
NCL NCLM: 424/144.100
NCLS: 435/366.000
IC [7]
ICM: A61K039-395
ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 244 OF 245 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 2000-679645 [66] WPIDS
DNN N2000-503069 DNC C2000-206771
TI Compositions used for neuron repair comprise complement-fixing antibody(ies) that specifically bind to myelin epitopes to cause transient disruption and/or demyelination, and complement ***protein*** (s).
DC B04 D16 S03
IN BOURQUE, J; DYER, J K; KEIRSTEAD, H S; STEEVES, J D
PA (UYBR-N) UNIV BRITISH COLUMBIA
CYC 93
PI WO 2000064473 A1 20001102 (200066)* EN 86p A61K039-395
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
W: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
AU 2000040959 A 20001110 (200109) A61K039-395
EP 1173200 A1 20020123 (200214) EN A61K039-395
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
JP 2002542299 W 20021210 (200301) 98p A61K039-395
ADT WO 2000064473 A1 WO 2000-CA440 20000428; AU 2000040959 A AU 2000-40959 20000428; EP 1173200 A1 EP 2000-920306 20000428, WO 2000-CA440 20000428; JP 2002542299 W JP 2000-613463 20000428, WO 2000-CA440 20000428
FDT AU 2000040959 A Based on WO 2000064473; EP 1173200 A1 Based on WO 2000064473; JP 2002542299 W Based on WO 2000064473
PRAI CA 1999-2270364 19990428
IC ICM A61K039-395
ICS A61K038-00; A61K038-17; A61K038-22; A61P025-00; A61P025-16; A61P025-28; A61P043-00; G01N033-577; G01N033-68
ICA C07K016-28
ICI A61K038:17, A61K039:395, C07K016:28; A61K039-395; A61K038:17

L6 ANSWER 245 OF 245 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 1999-326639 [27] WPIDS
DNC C1999-096594
TI Use of complement-fixing antibodies and complement ***proteins*** .
DC B04
IN DYER, J K; KEIRSTEAD, H S; STEEVES, J D
PA (DYER-I) DYER J K; (KEIR-I) KEIRSTEAD H S; (STEE-I) STEEVES J D; (UYBR-N) UNIV BRITISH COLUMBIA
CYC 84
PI WO 9921581 A1 19990506 (199927)* EN 68p A61K039-395
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
AU 9896179 A 19990517 (199939) A61K039-395
CA 2219683 A1 19990428 (199941) EN A61K039-395
CA 2253078 A1 19990428 (199941) EN A61K039-395
EP 1047449 A1 20001102 (200056) EN A61K039-395
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
CA 2253078 C 20010501 (200131) EN A61K039-395
JP 2001521008 W 20011106 (200203) 69p A61K039-395
AU 748143 B 20020530 (200247) A61K039-395
US 6548061 B1 20030415 (200329) A61K039-395
EP 1047449 B1 20030910 (200360) EN A61K039-395
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
DE 69818106 E 20031016 (200376) A61K039-395
ADT WO 9921581 A1 WO 1998-CA997 19981028; AU 9896179 A AU 1998-96179 19981028; CA 2219683 A1 CA 1997-2219683 19971028; CA 2253078 A1 CA 1998-2253078

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